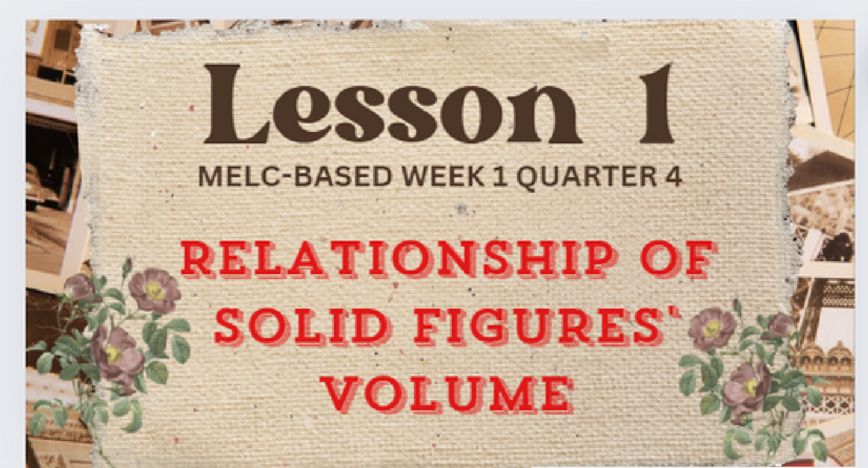
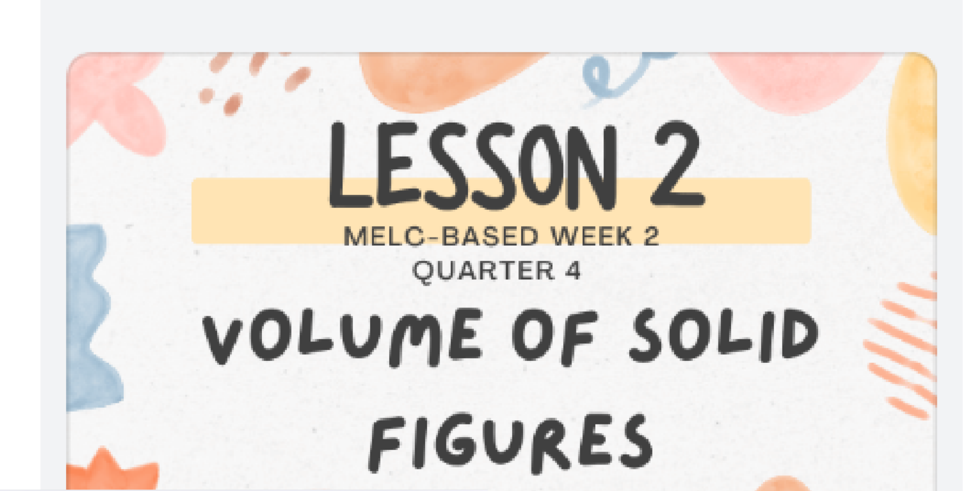
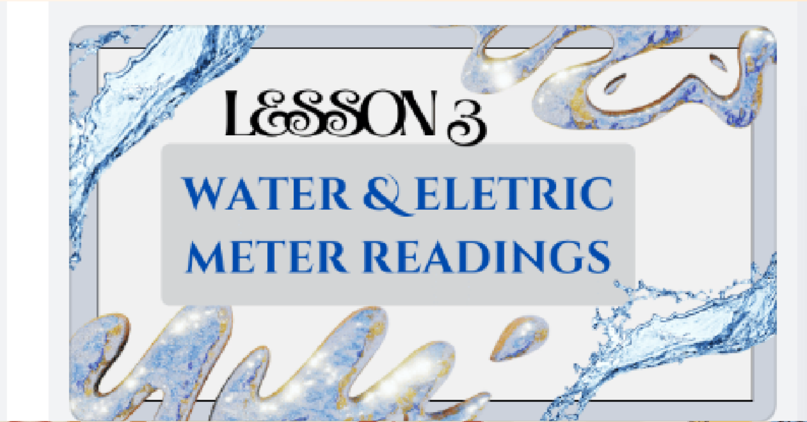
PRESENTATION IN MATH 6

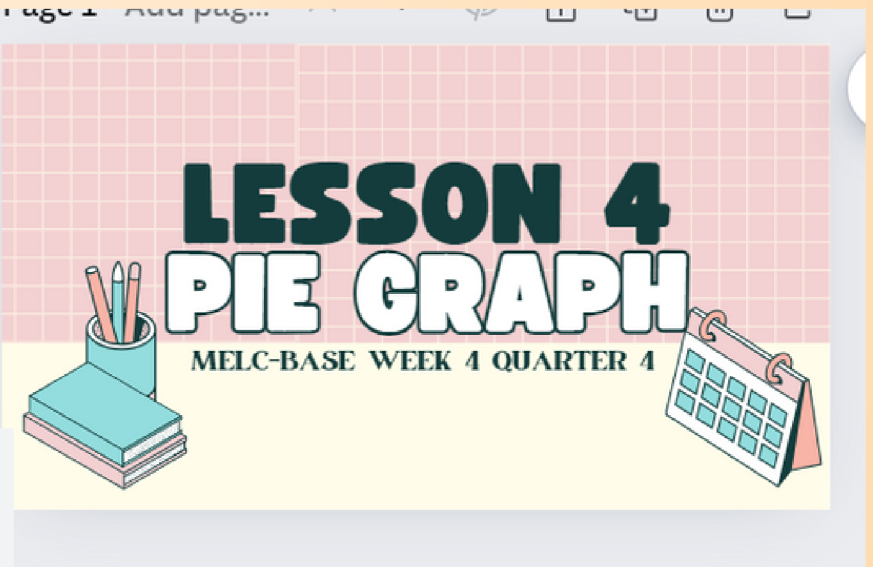
SUBMITTED BY; SHARSHAMAINE ASHLY G. ALMINE
VI PYTHAGORAS

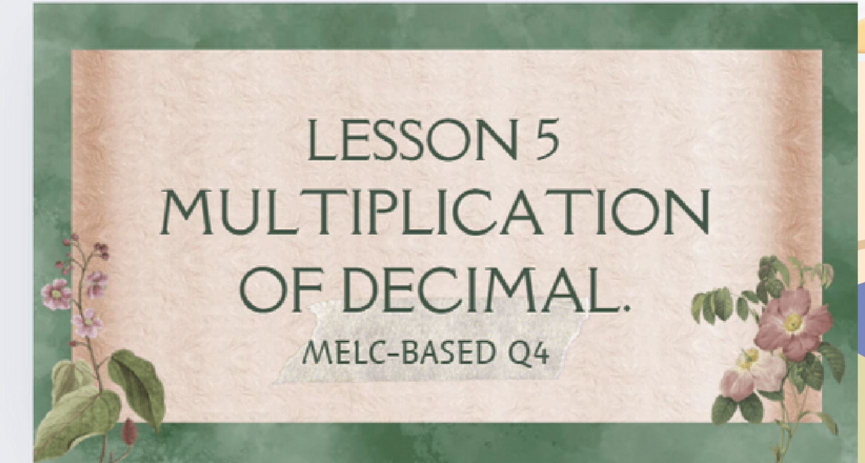
SUBMITTED TO; DINAH E. TAGARINO

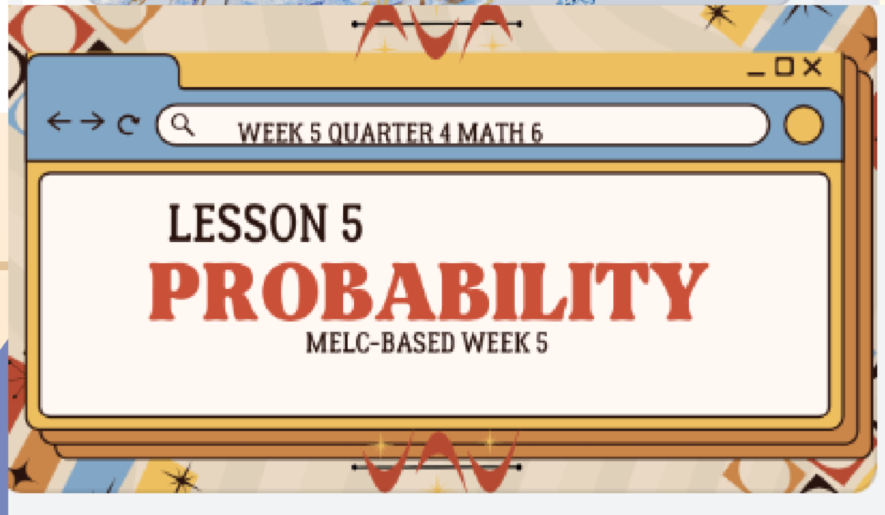

Lesson 1
MELC-BASED WEEK 1 QUARTER 4
RELATIONSHIP OF SOLID FIGURES' VOLUME


LESSON 2
MELC-BASED WEEK 2 QUARTER 4
VOLUME OF SOLID FIGURES


LESSON 3
WATER & ELETRIC METER READINGS


LESSON 4
PIE GRAPH
MELC-BASE WEEK 4 QUARTER 4


LESSON 5
MULTIPLICATION OF DECIMAL.
MELC-BASED Q4


WEEK 5 QUARTER 4 MATH 6
LESSON 5
PROBABILITY
MELC-BASED WEEK 5

Lesson 1

MELC-BASED WEEK 1 QUARTER 4

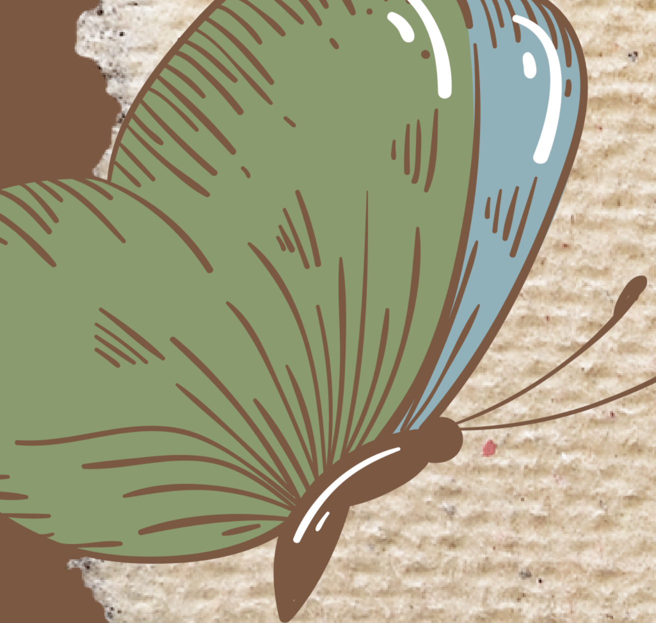
RELATIONSHIP OF SOLID FIGURES' VOLUME

Determine the relationship of the volume between ;

Rectangular prism & Pyramid

Cylinder & cone

Cylinder & sphere

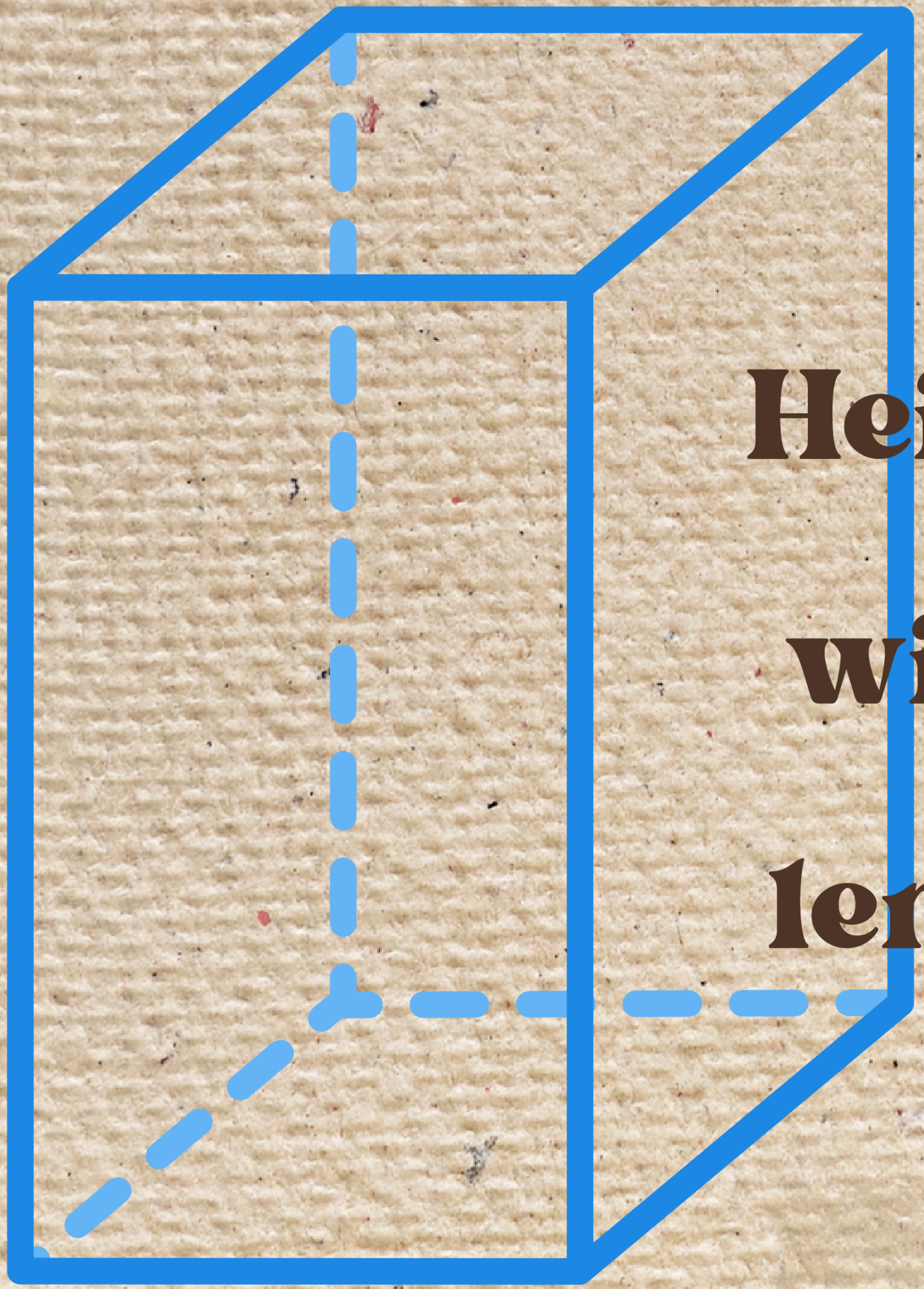


What is Volume?

VOLUME IS the amount of space inside a solid figure .

- It is measured in CUBIC UNITS

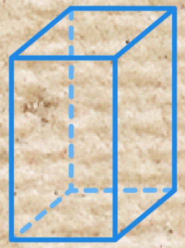
Relationship of Rectangular prism & Pyramid



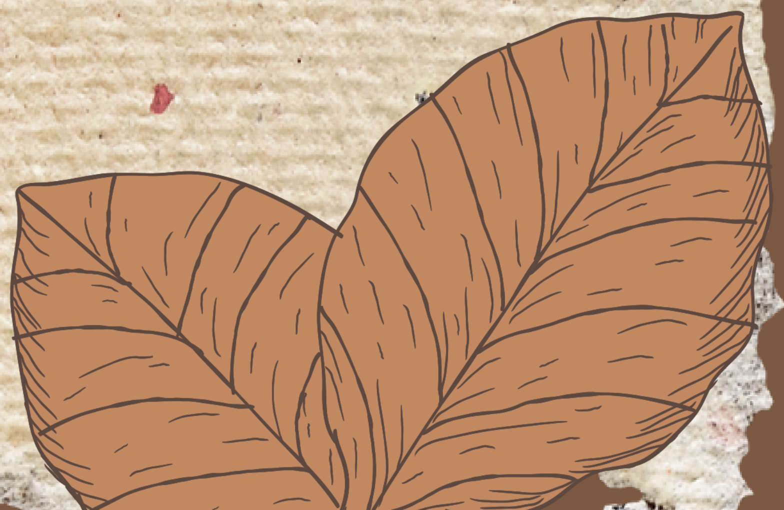
Height - 4cm

width - 2cm

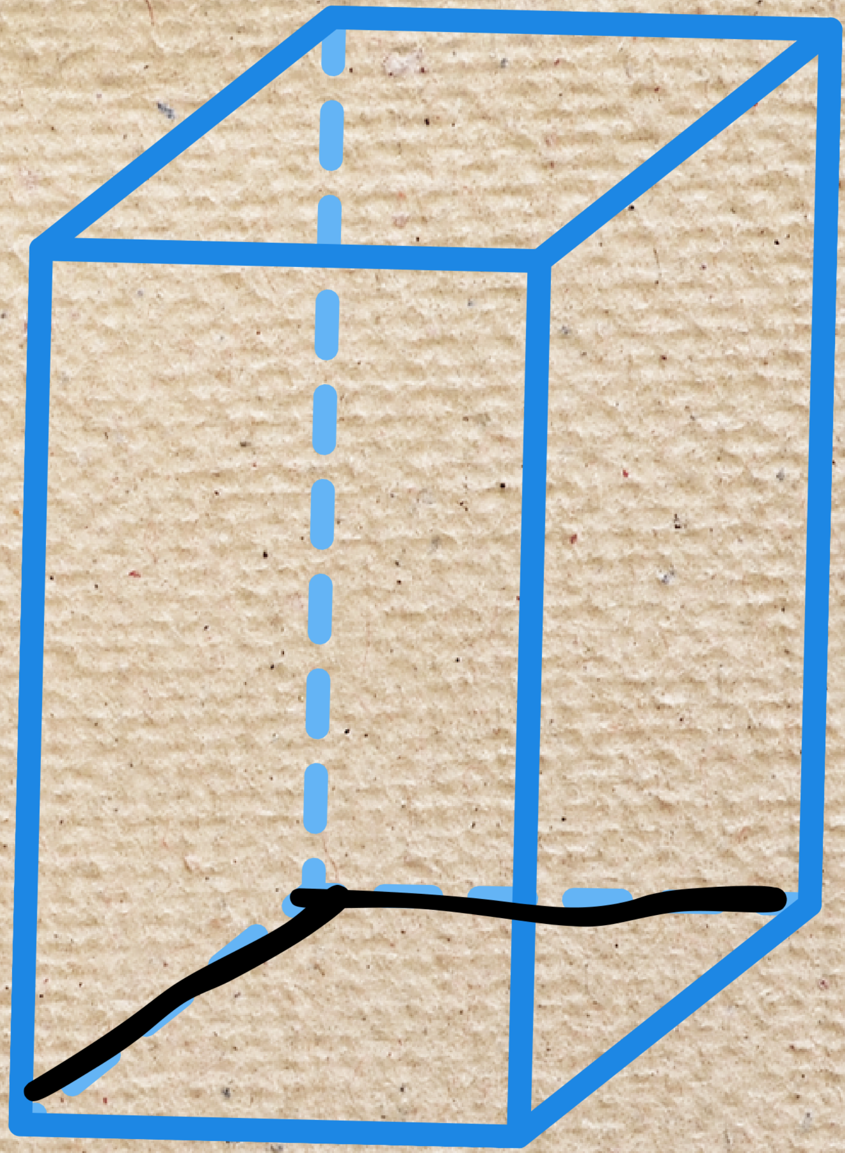
length - 2cm

V of  = l x h x w

4x2x2 = 16cu.m



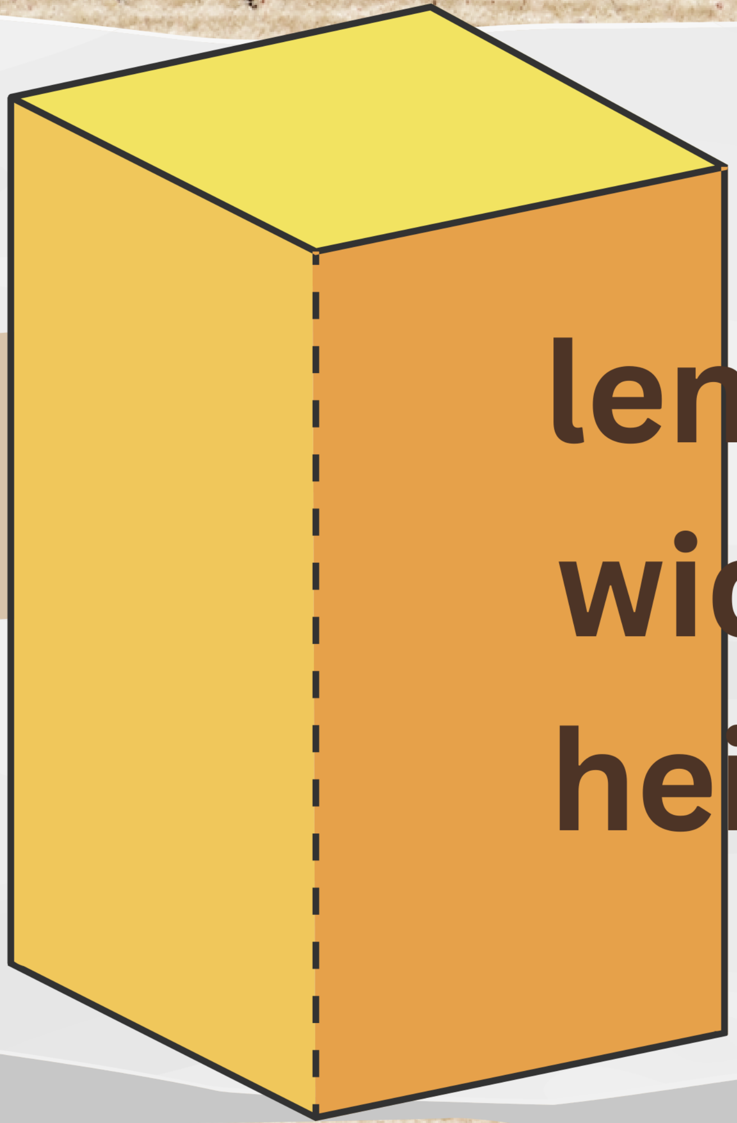
We can also observe that the. length x width is the area of the base.



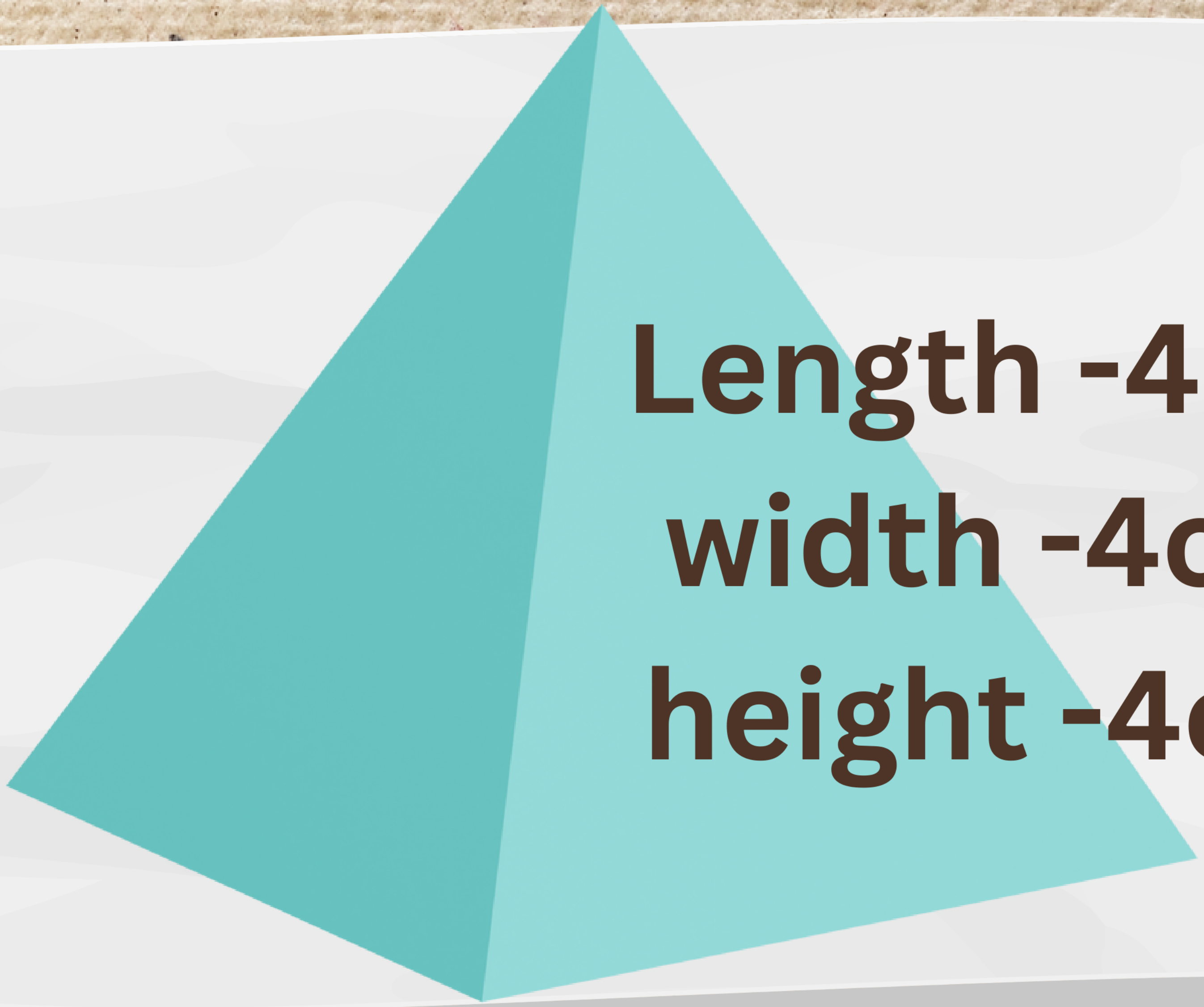
Length - 2cm
width - 2cm

Rectangular prism

Pyramid

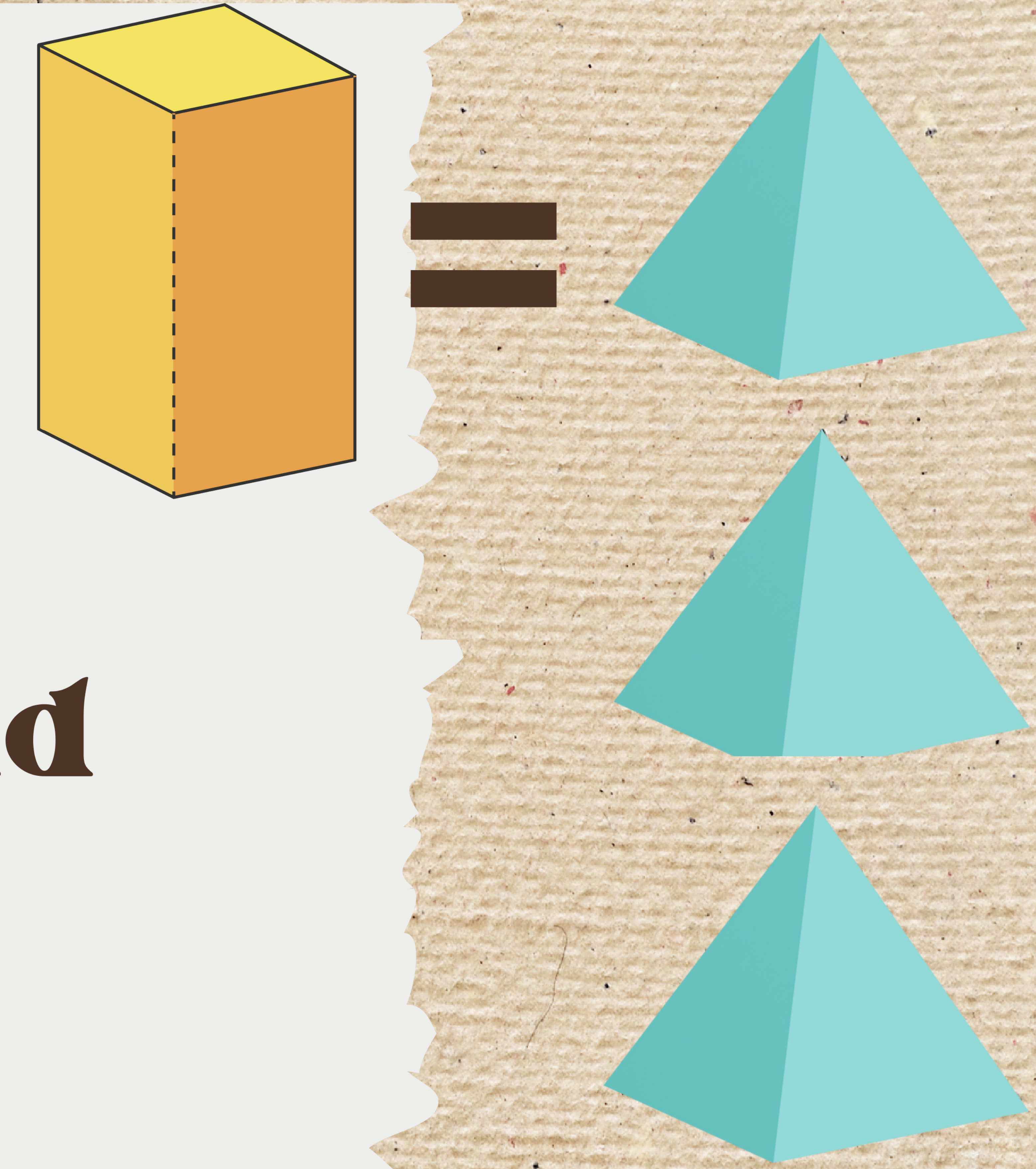


length- 4cm
width - 2cm
height- 2cm

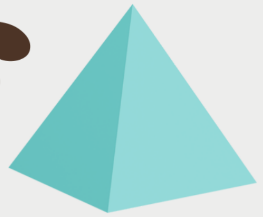


Length -4cm
width -4cm
height -4cm

From the experiment we learned that 1 Rectangular prism is equal to 3 Pyramid considering that they have the same height & base.

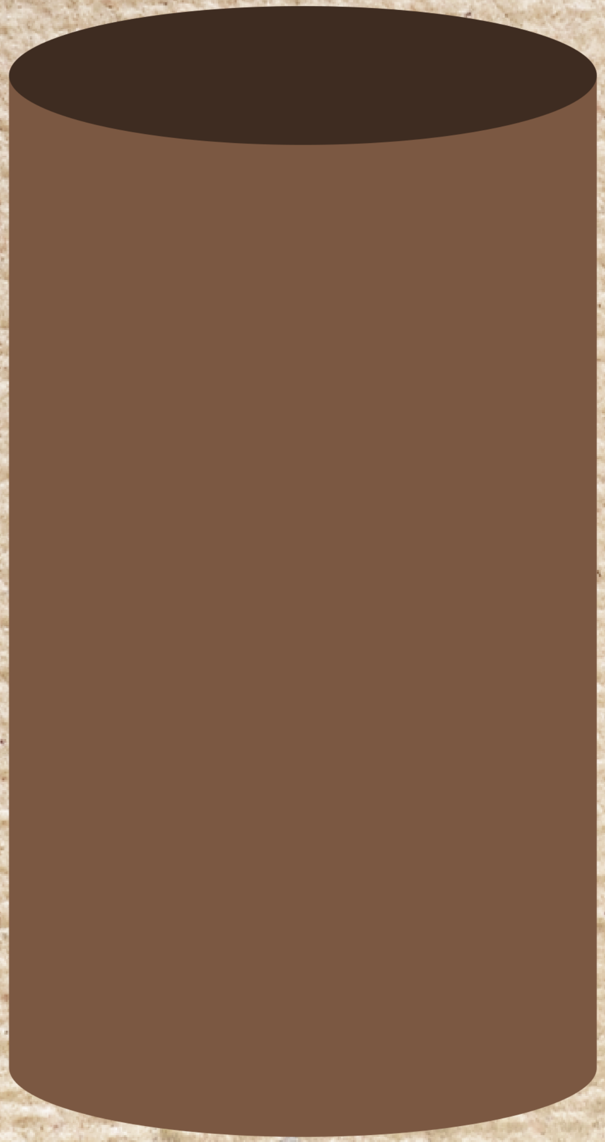


Therefore the VOLUME of the pyramid is equal to $^{1}/^{3}$ of the volume of the rectangular prism or

V of  $= \frac{LWH}{3}$

CYLINDER and CONE

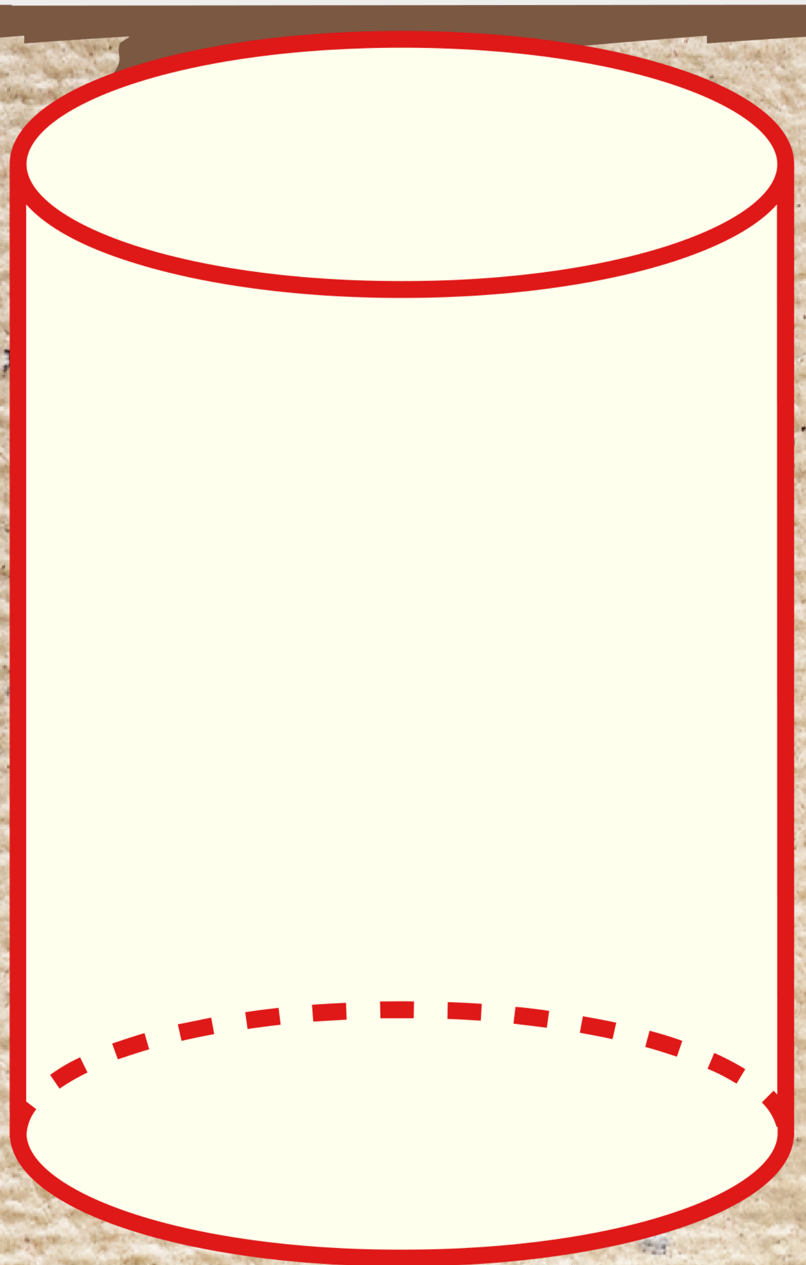
V of Cylinder - area of X height
the Base



Let's try make to

make a formula.

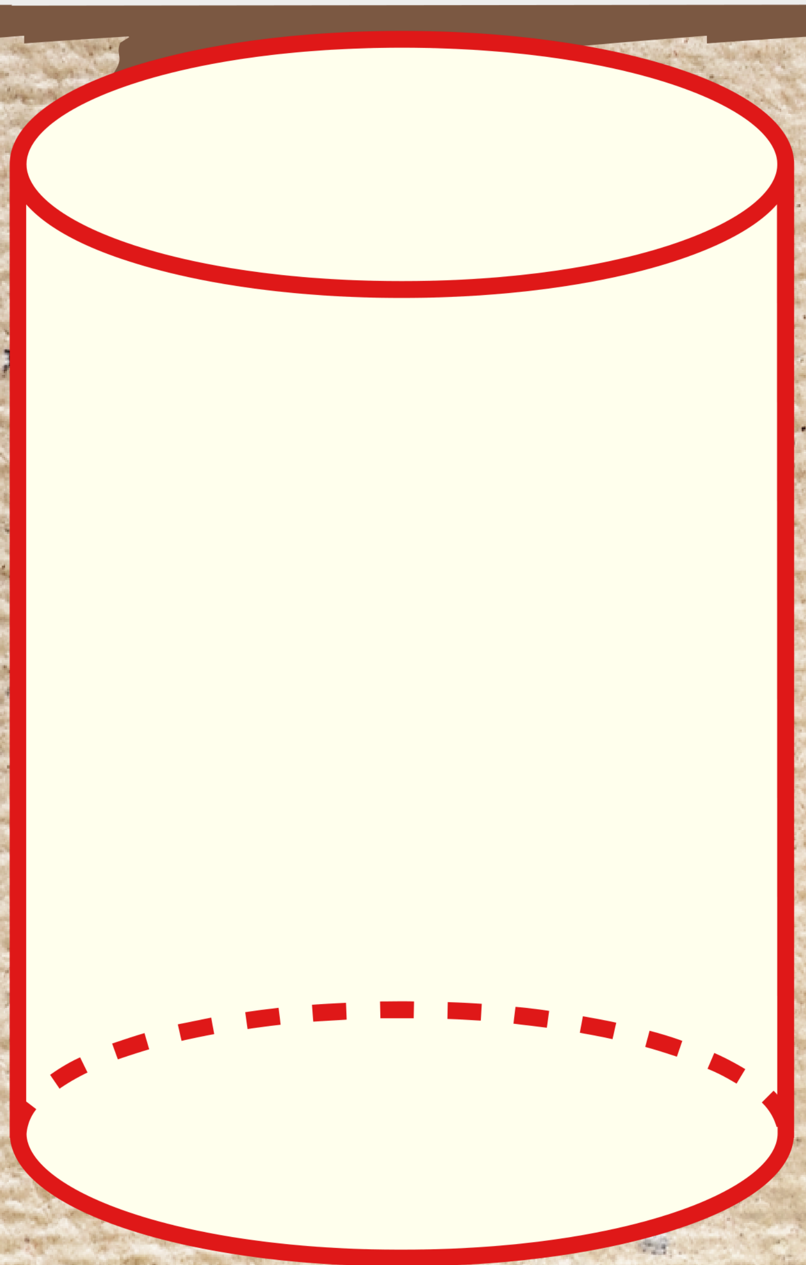
V of Cylinder - (B) πr^3 X height



the area of the base will be the area of the circle Which is

πr^3

V of Cylinder - (B) πr^3 X height



So the volume of cylinder is

$$V = \pi r^2 h$$

Cylinder

radius -4

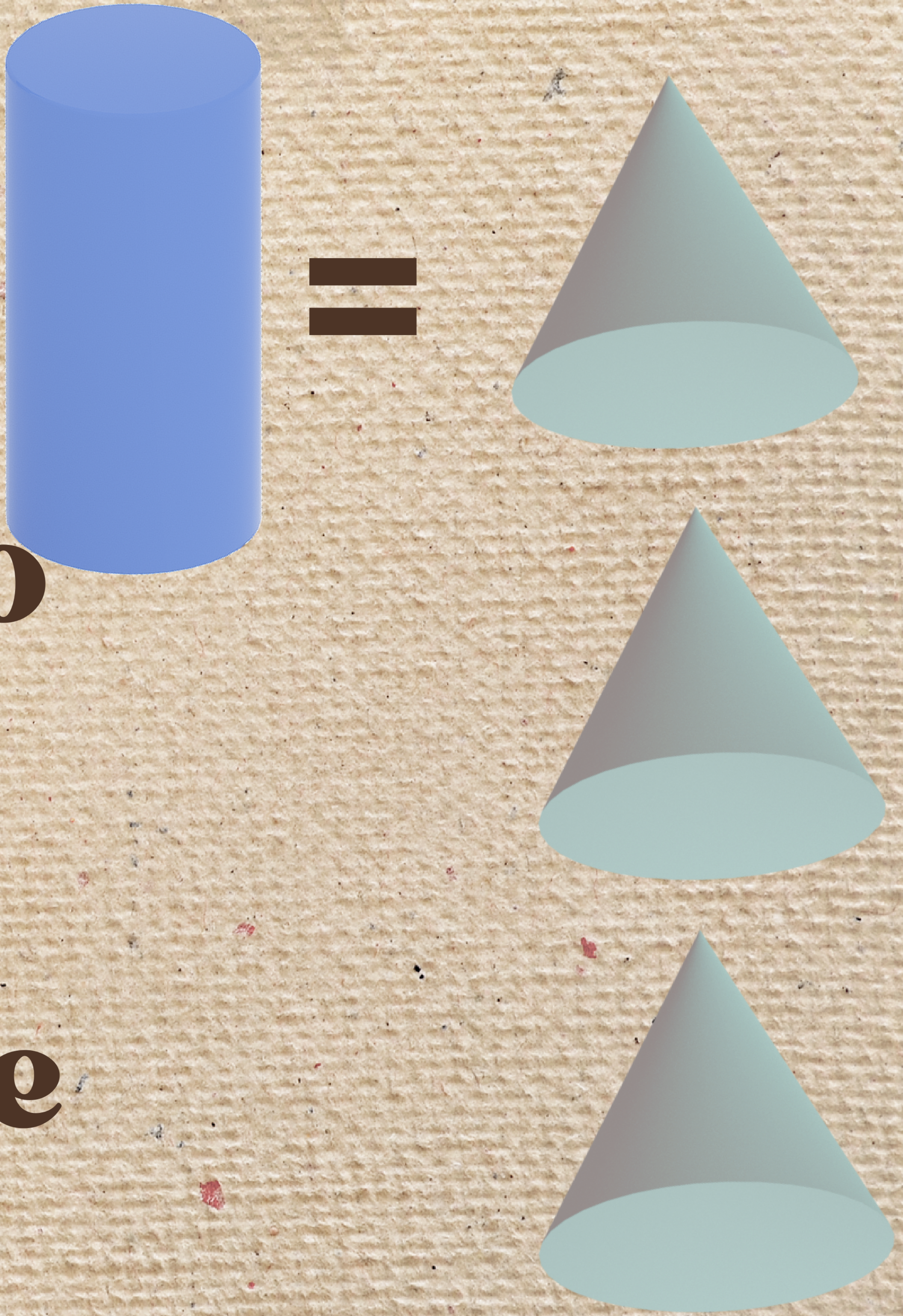
height -8m

cone

radius - 4m

height - 8m

from the experiment we learned that 1 cylinder is equal to 3 cones considering that they have the same height and base.



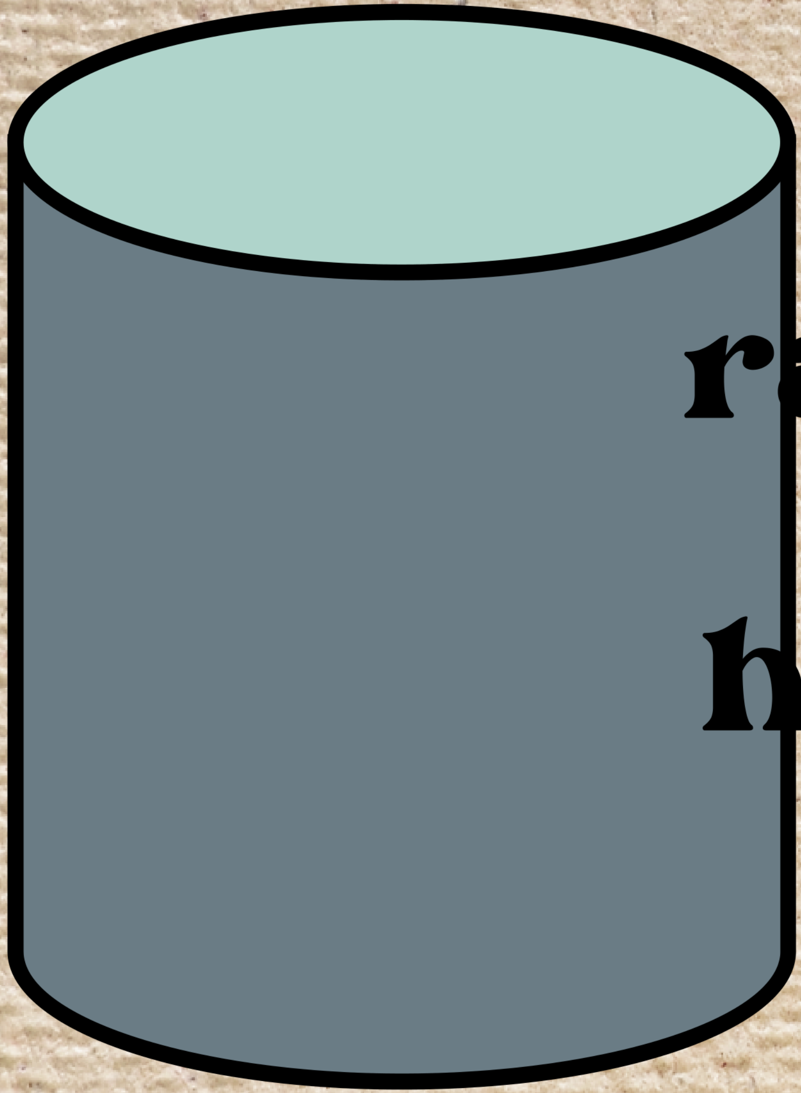
so we can say that he volume of the cone is 1/3 of cylinder

so the formula for the cone’s volume is;

$$V= \frac{\pi r^{3} h}{3}$$

CYLINDER and SPHERE

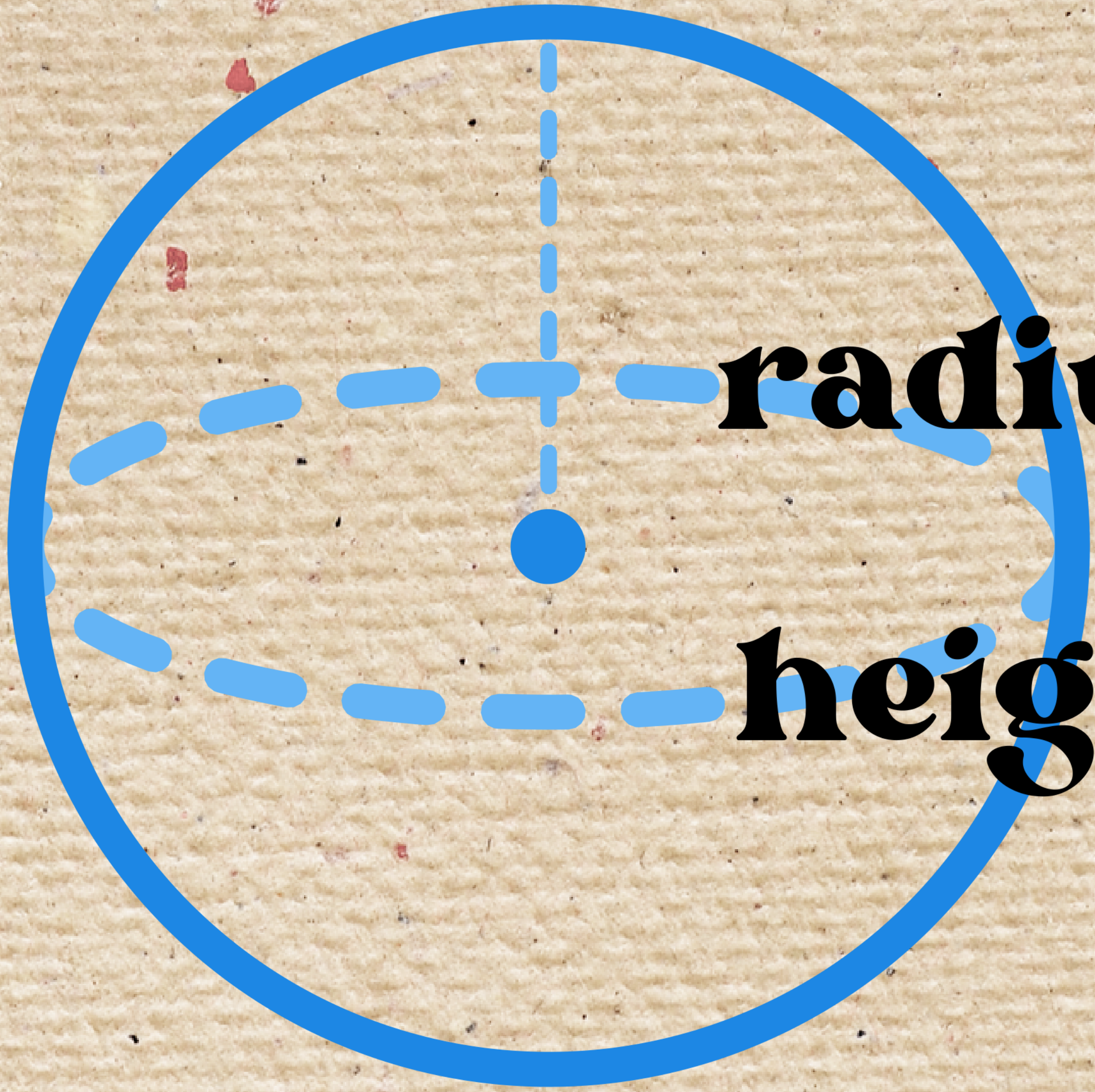
cylinder



radius 4m

height 8m

Sphere



radius 4m

height 8m

from the experiment we learned that 1 sphere can fill 2/3 of cylinder,considering that they have the same height and radius

we can say that the volume of sphere is 2/3 of the volume of the cylinder so the formula of spheres volume;

$$V=4\pi r^{3}$$

3

summary;

VOlUME is the amount of space in a solid figure.

Volume- area of the base x height

The volume of the pyramid is 1/3 of the volume of the prism

The volume of the cone is 1/3 of the volue of the cylinder

The volume of sphere is 2/3 of the volume of the cylinder

LESSON 2

MELC-BASED WEEK 2
QUARTER 4

VOLUME OF SOLID FIGURES

WHAT IS VOLUME?

volume is the amount of space inside a solid figure.

It is measured in cubic unit

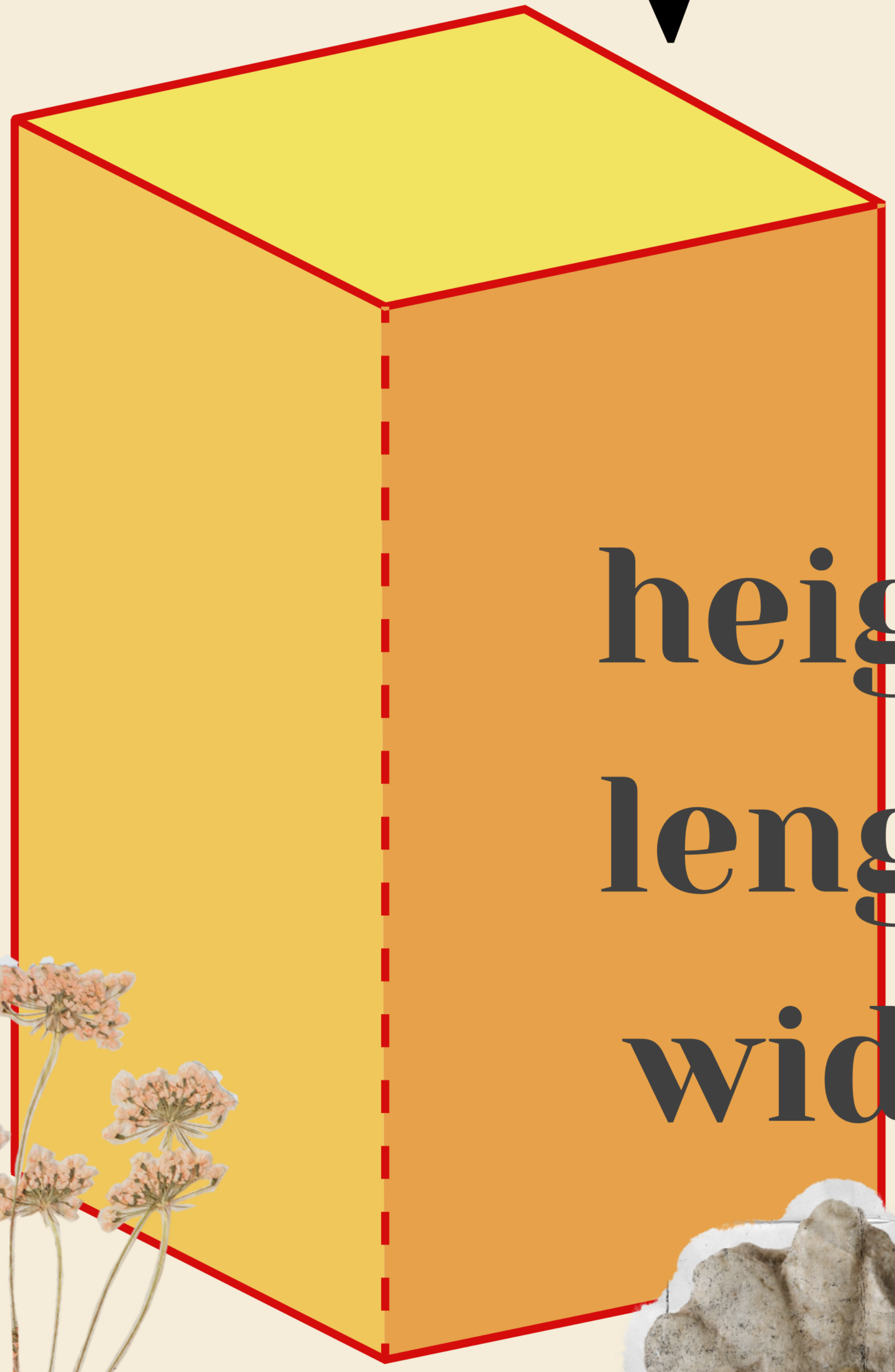
Ex; 123 or 12cu.n

FIND THE VOLUE OF;

- Retangular Prism
- Pyramid
- cylinder
- Sphere
- cone

rectangular prism

V =lWH



height -4cm

length -2cm

width -2cm

= 4x 2 x 2

= 8 (2)

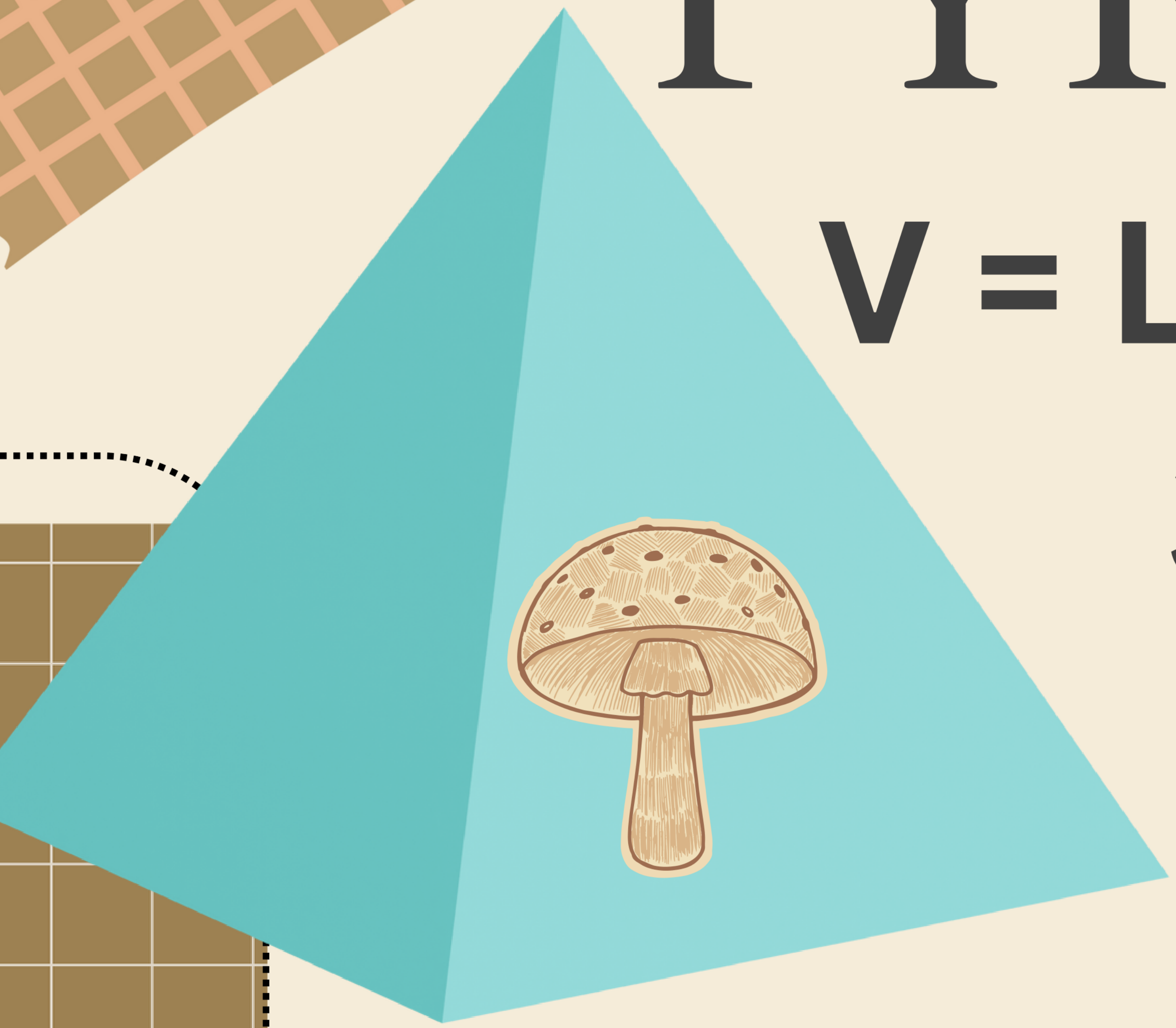
= 8x2

= 16cu.cm

or

=16 cm3

PYRAMID



$$V = \frac{LWH}{3}$$

$$= \frac{2\text{cm} \times 2\text{cm} \times 4\text{cm}}{3}$$

$$= \frac{16\ \text{cm3}}{3}$$

$$= 5.33\ \text{cm3}$$

height -4cm
length -2cm
width - 2cm

CYLINDER

$V=pir2h$

radius -4m

height -8m

$$=(3.14)(4x4)(8)$$

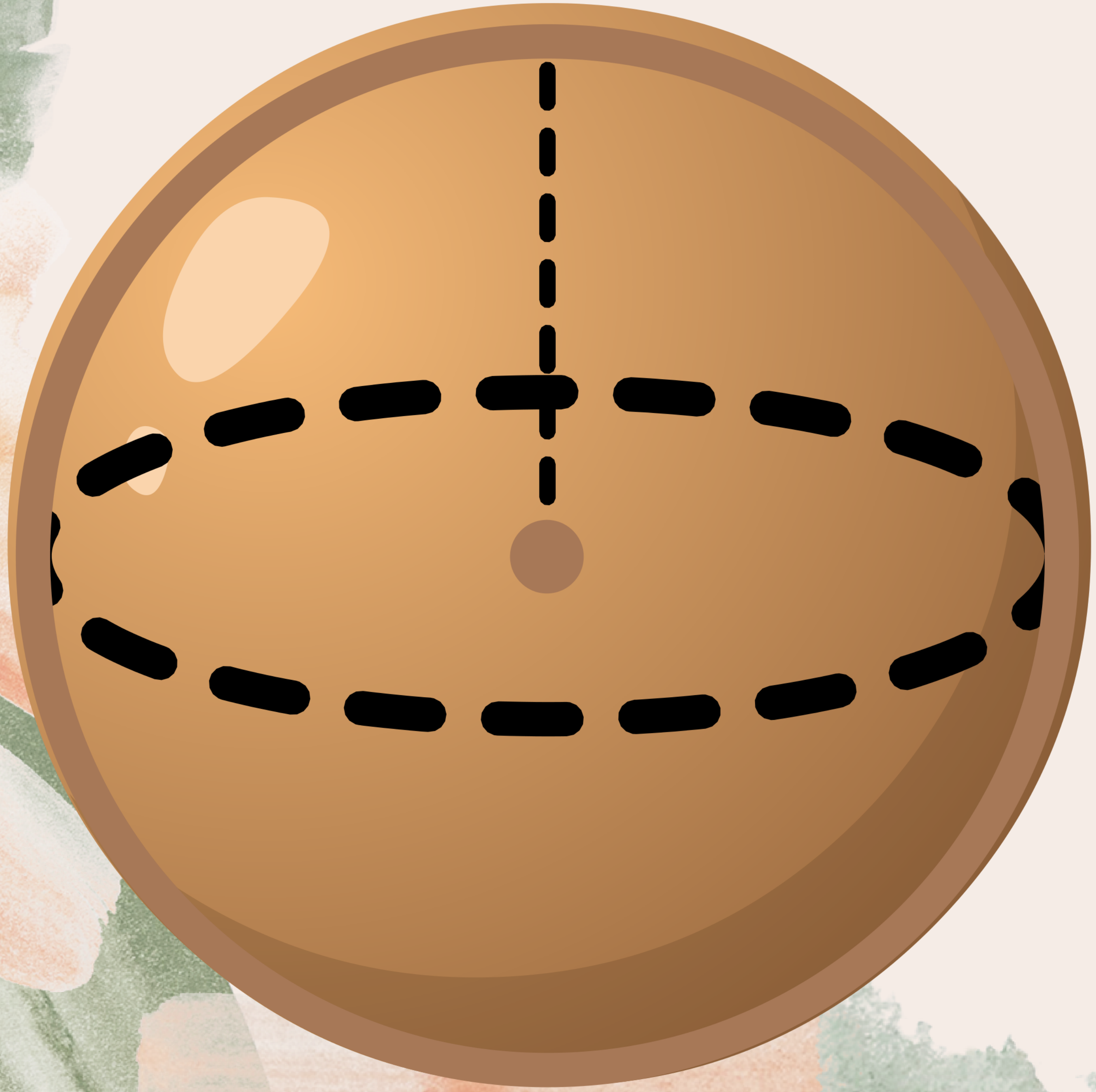
$$=(3.14)(16m2)(8)$$

$$=(50.24m2)(8)$$

$$=[401.92m3]$$

SPHERE

radius -3cm



V=4pr3

3

=(4)(3.14)(3x3x3)

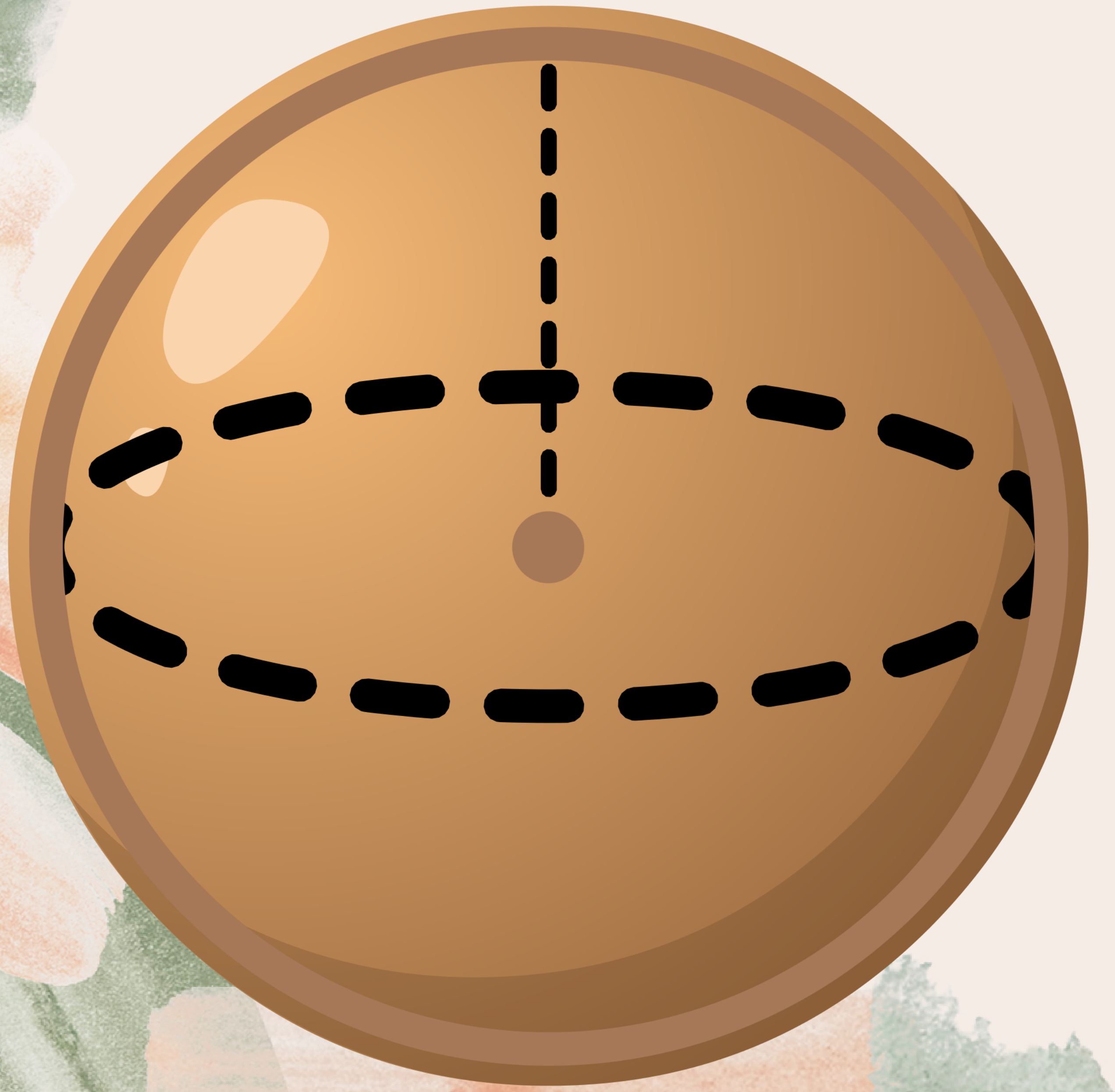
3

=(4)(3.14)(27)

3

- # SPHERE

radius -3cm



V=4pr3

3

=(4)(3.14)(3x3x3)

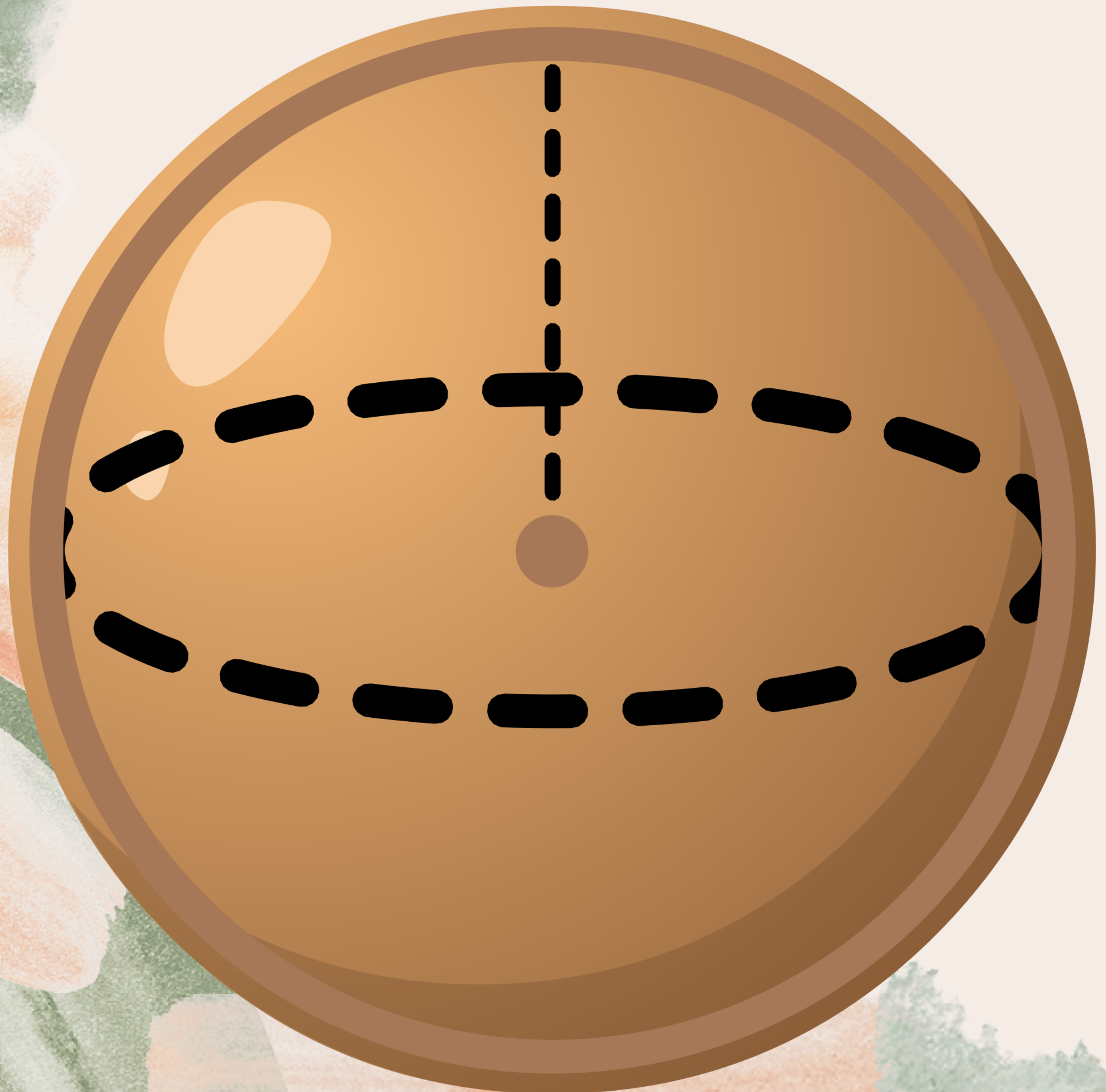
3

=399.12cm3

3

SPHERE

radius -3cm



V=4pr3

3

=(4)(3.14)(3x3x3)

3

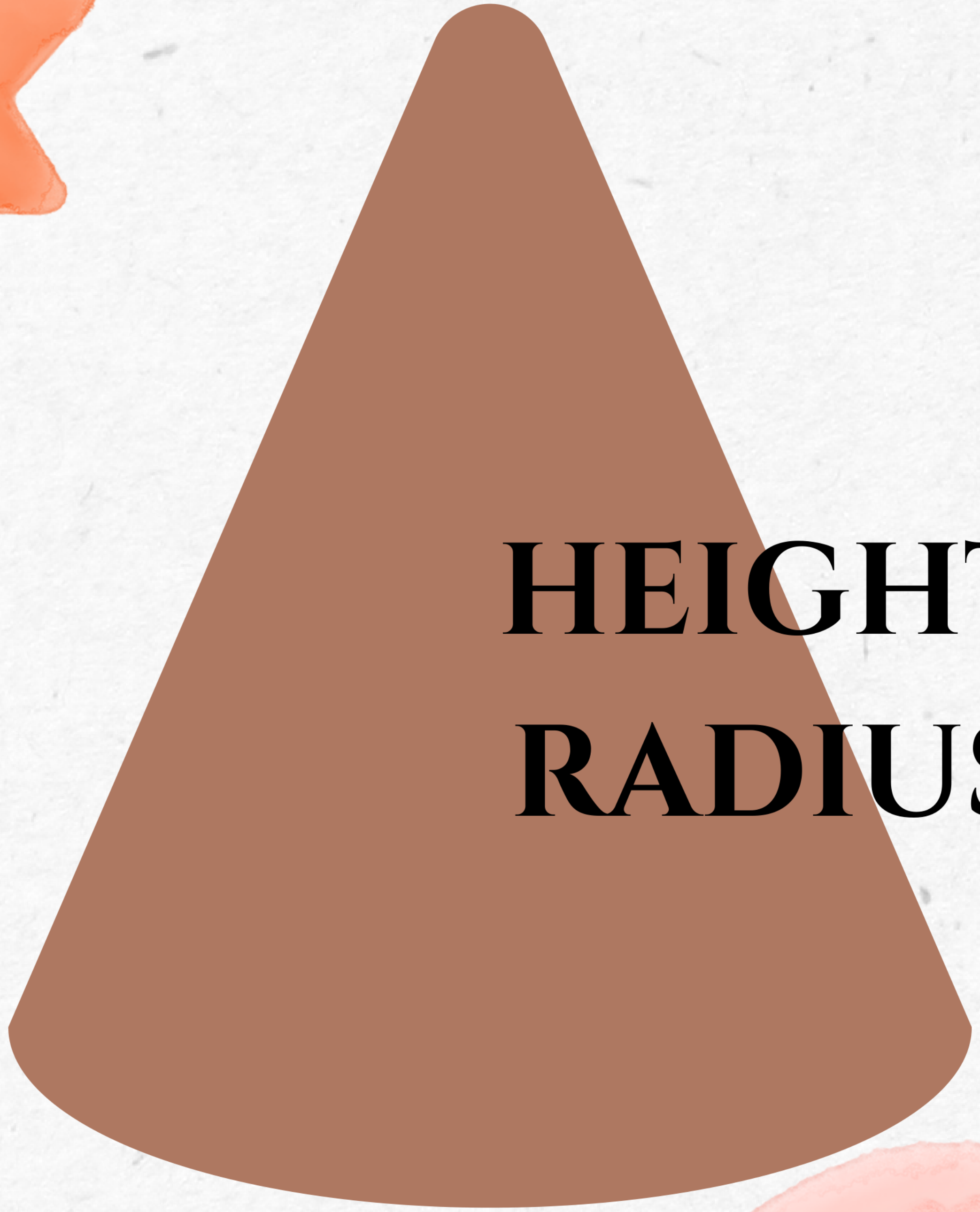
=399.12cm3

3

=113.04m3

CONE

$$V = \frac{pir2h}{3}$$



HEIGHT -6DM

RADIUS -2DM

$$=\frac{(3.14)(2x2dm)(6dm)}{3}$$

$$=\frac{75.36dm3}{3}$$

$$=25.12dm3$$

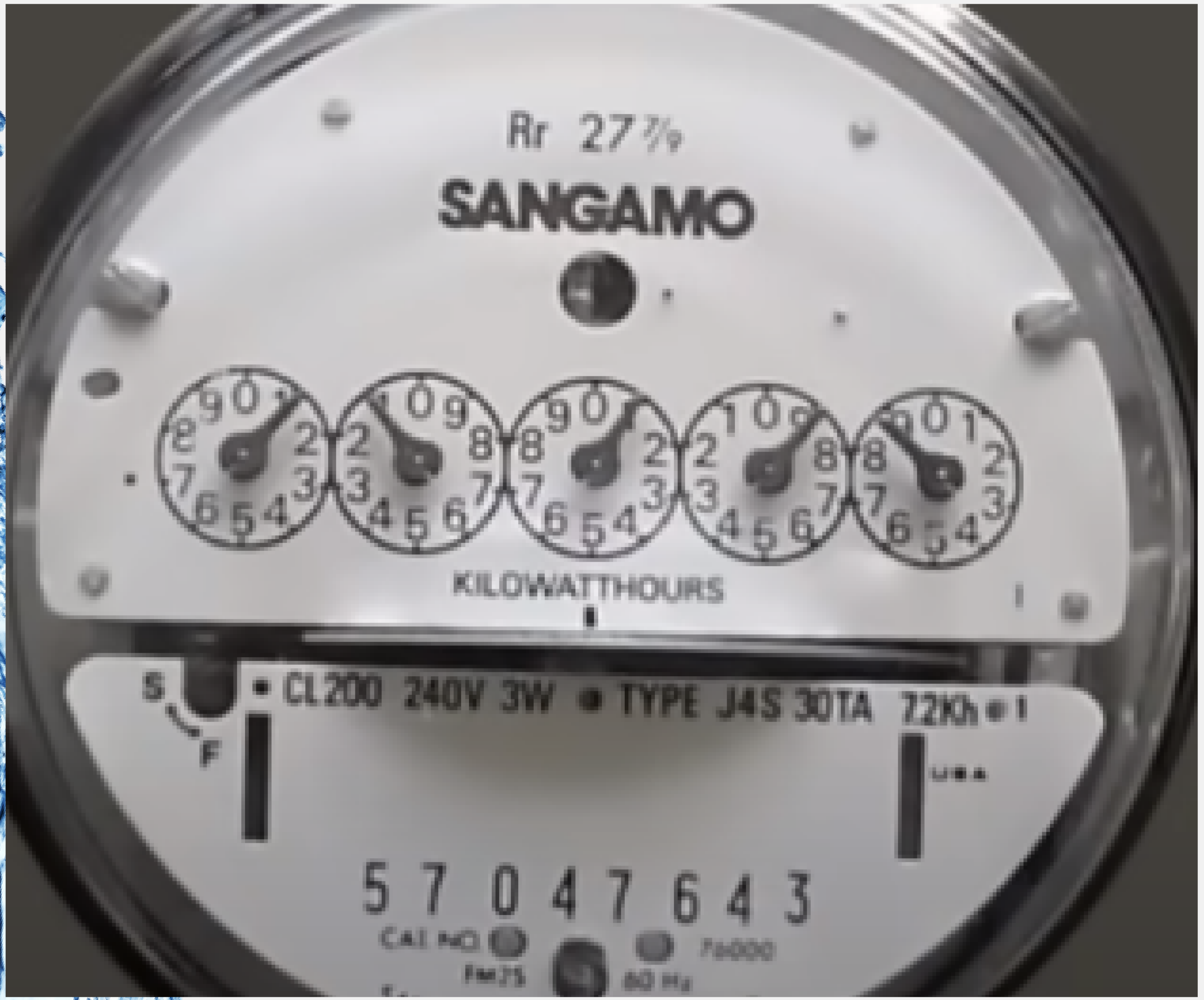
LESSON 3

WATER & ELETRIC METER READINGS

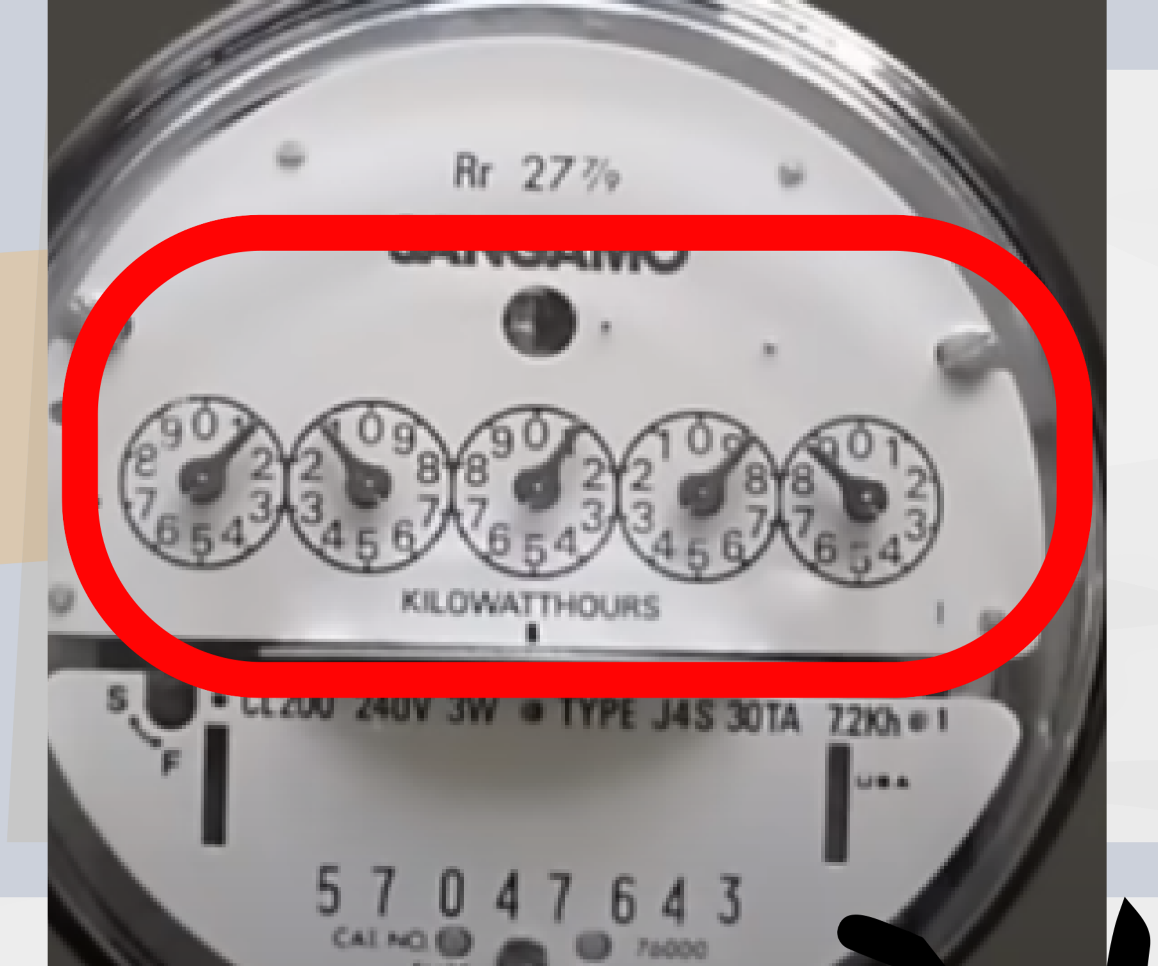
OBJECTIVE

Read & interpret water & electric reading

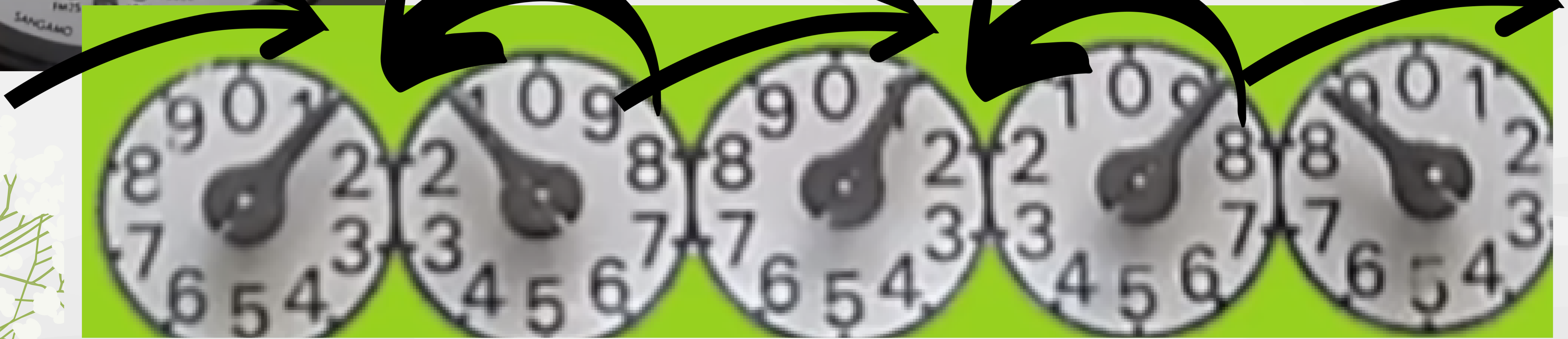
ELETRIC METER measures the amount of electricity used which in kilowatt hour (KWh)


Rr 27 7/9
SANGAMO
KILOWATTHOURS
S
F
CL200 240V 3W TYPE J4S 30TA 7.2Kh
USA
5 7 0 4 7 6 4 3
CAT NO
FM2S
60 Hz

ELECTROMECHANICAL READING


Rr 27 7/9
SANGAMO
KILOWATTHOURS
CL200 240V 3W TYPE J4S 30TA 7.2Kh
USA
57047643
CAT NO
SANGAMO

how to read eletric meter?



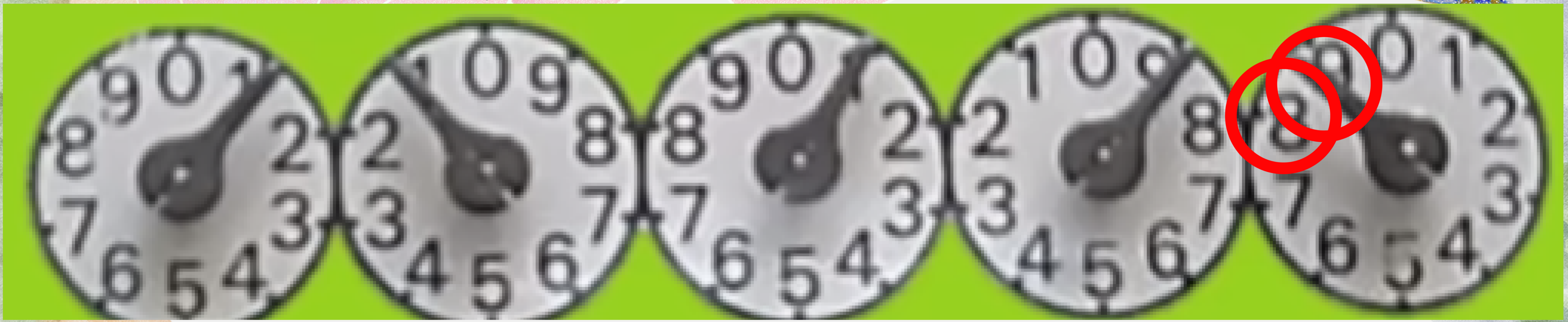
A B C D E

How to read electric meter?

STEP 1: read all the dials from left to right starting from dial E to A.

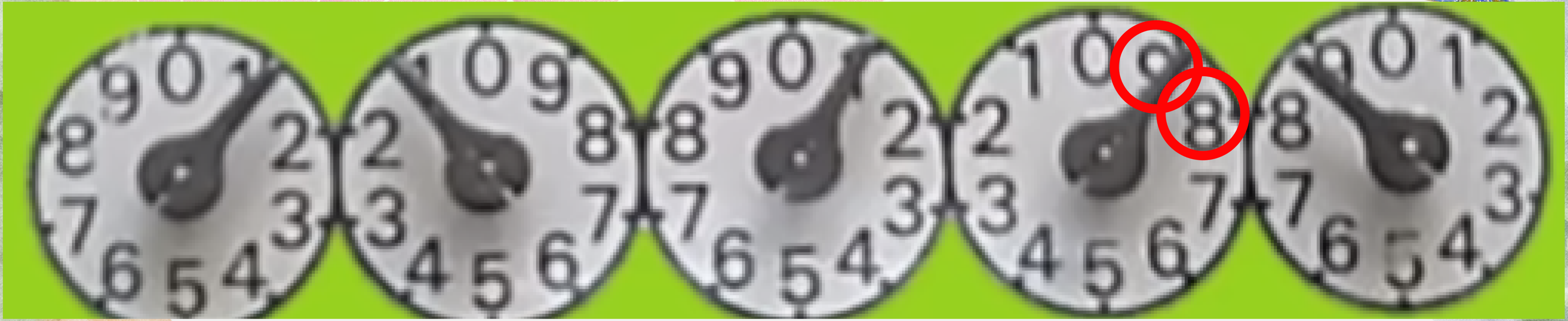
STEP 2: read the numbers by the pointer of the dial. When the pointer is betwween the 2 numbers the lower number is recorded.

STEP 2;



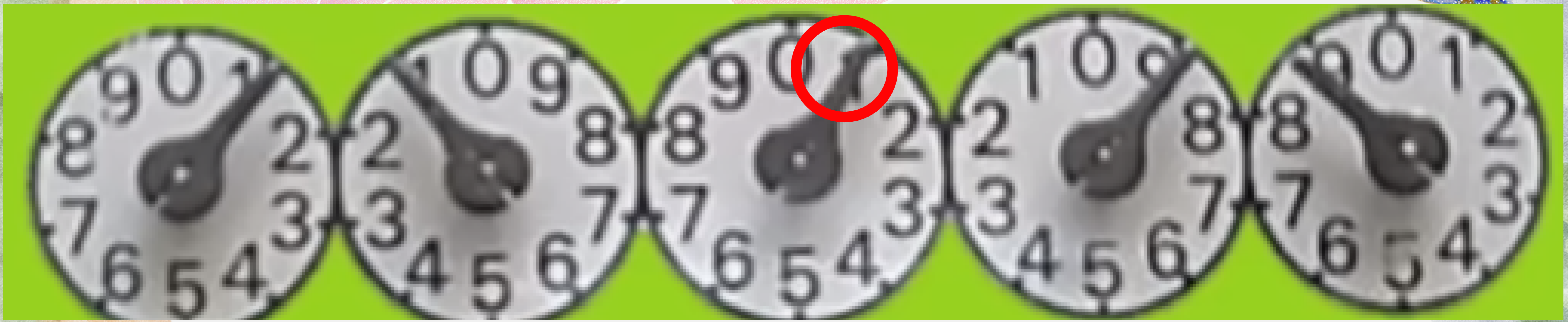
A	B	C	D	E
				8

STEP 2;



A	B	C	D	E
			8	8

STEP 2;



C

D

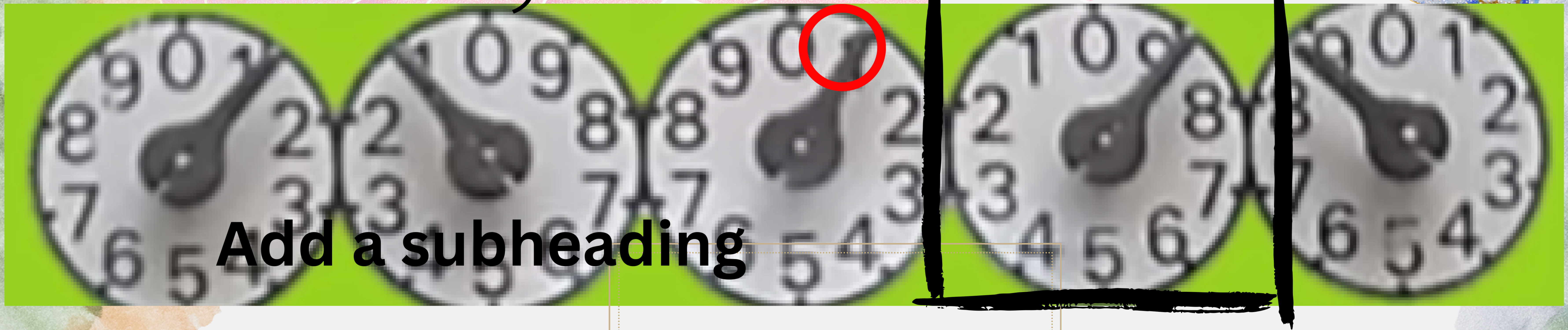
E

8

8

NOTE; IF THE POINTER APPEARS TO BE EXACTLY,CHECK THE DIAL TO THE RIGHT TO FIND OUT THE CORRECT READING.

STEP 2;



Add a subheading

C

D

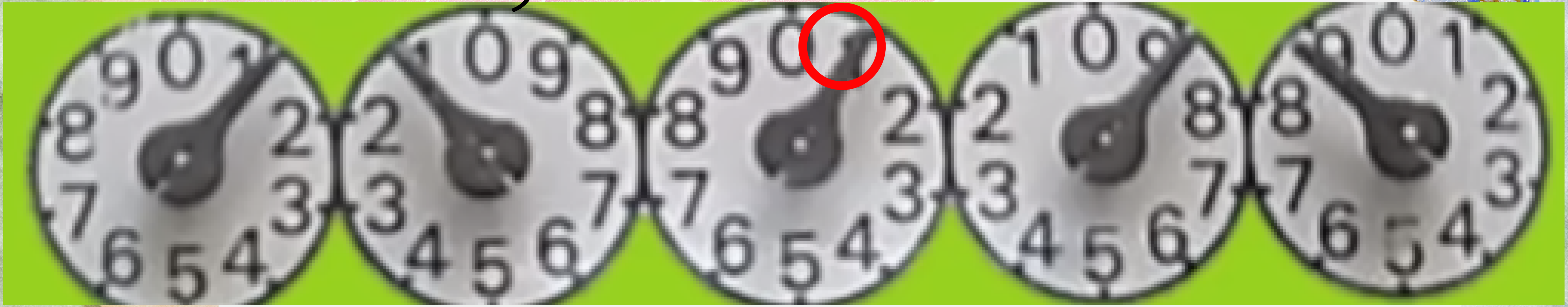
E

8

8

NOTE: IF THE DIAL ON THE RIGHT HAS PASSED ZERO,THEN USED THE NUMBER THE POINTER IS POINTING ON THE DIAL YOU ARE READING.IF THE DIAL HAS NOT PASSED ZERO THEN USE THE SMALLER NUMBER THE DIAL YOU ARE READING.

STEP 2;



C

D

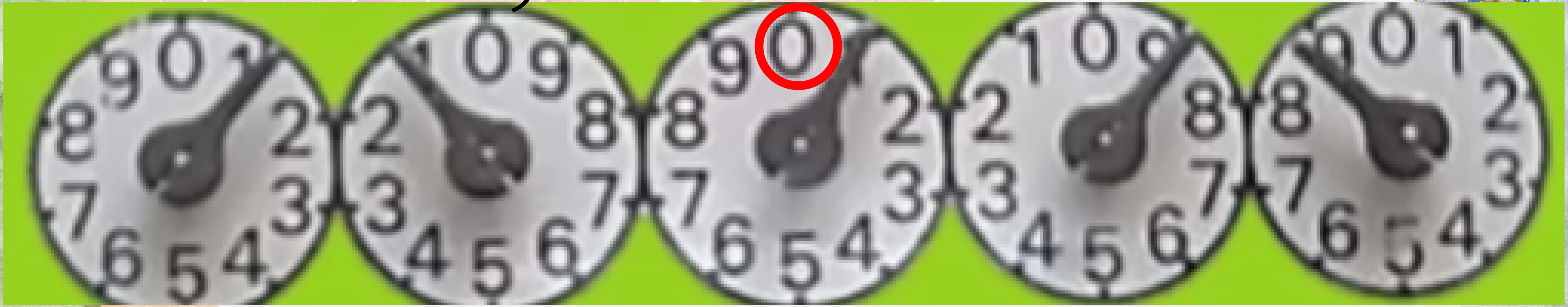
E

8

8

NOTE; IF THE DIAL ON THE RIGHT HAS PASSED ZERO,THEN USED THE NUMBER THE POINTER IS POINTING ON THE DIAL YOU ARE READING.IF THE DIAL HAS NOT PASSED ZERO THEN USE THE SMALLER NUMBER THE DIAL YOU ARE READING.

STEP 2;

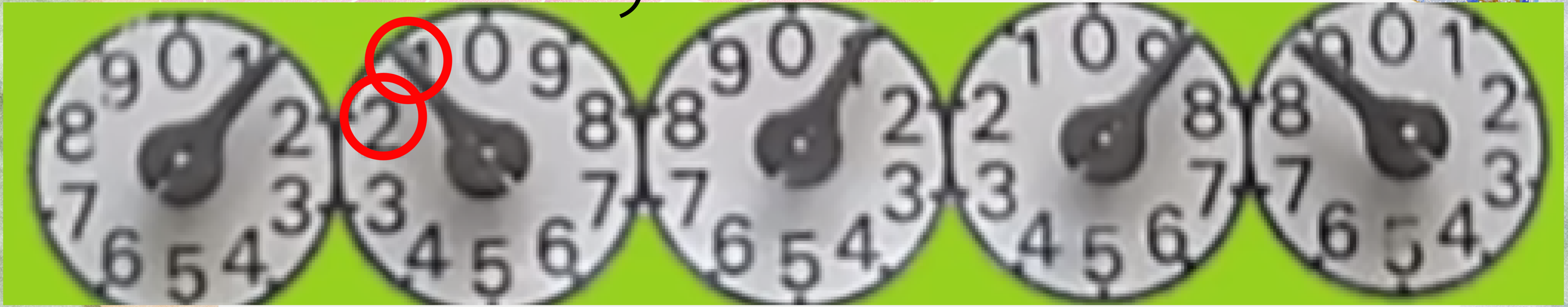


9 0 1 2 3 4 5 6 7 8
1 0 9 8 7 6 5 4 3 2
9 0 1 2 3 4 5 6 7 8
1 0 9 8 7 6 5 4 3 2
9 0 1 2 3 4 5 6 7 8

C D E

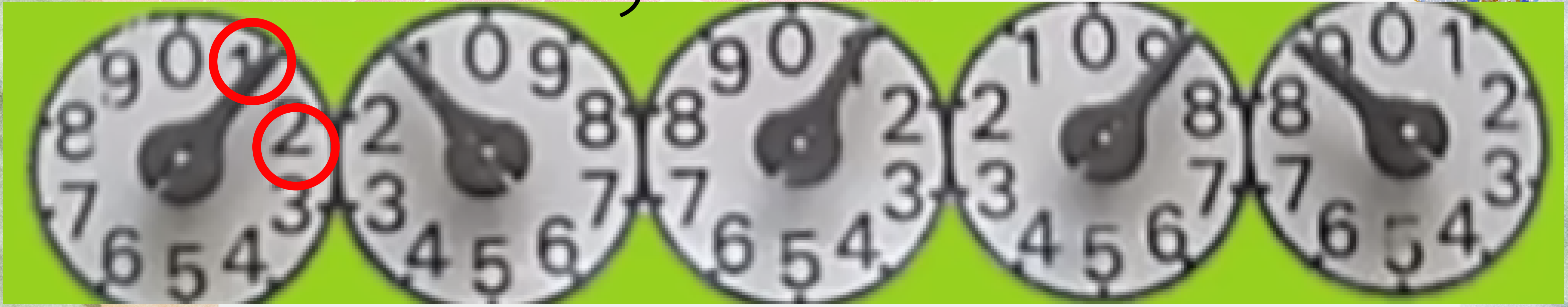
0 8 8

STEP 2;



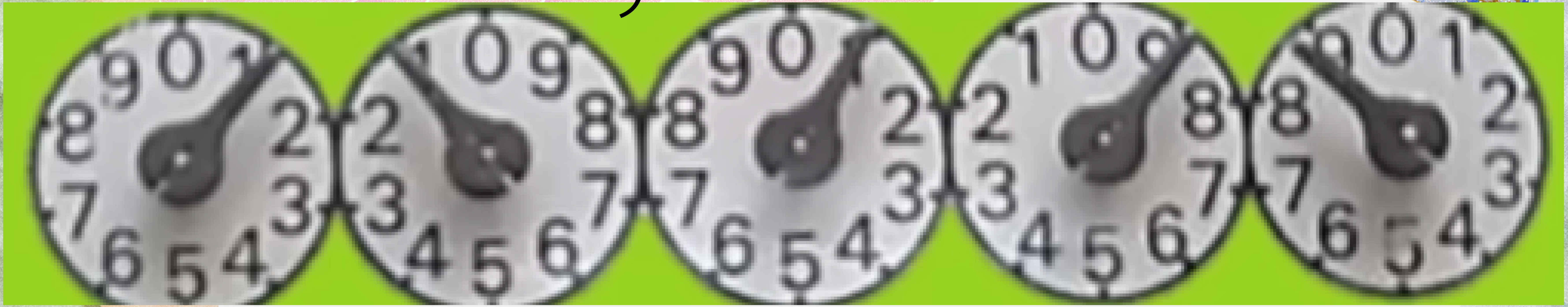
B	C	D	E
1	0	8	8

STEP 2;



A	B	C	D	E
1	1	0	8	8

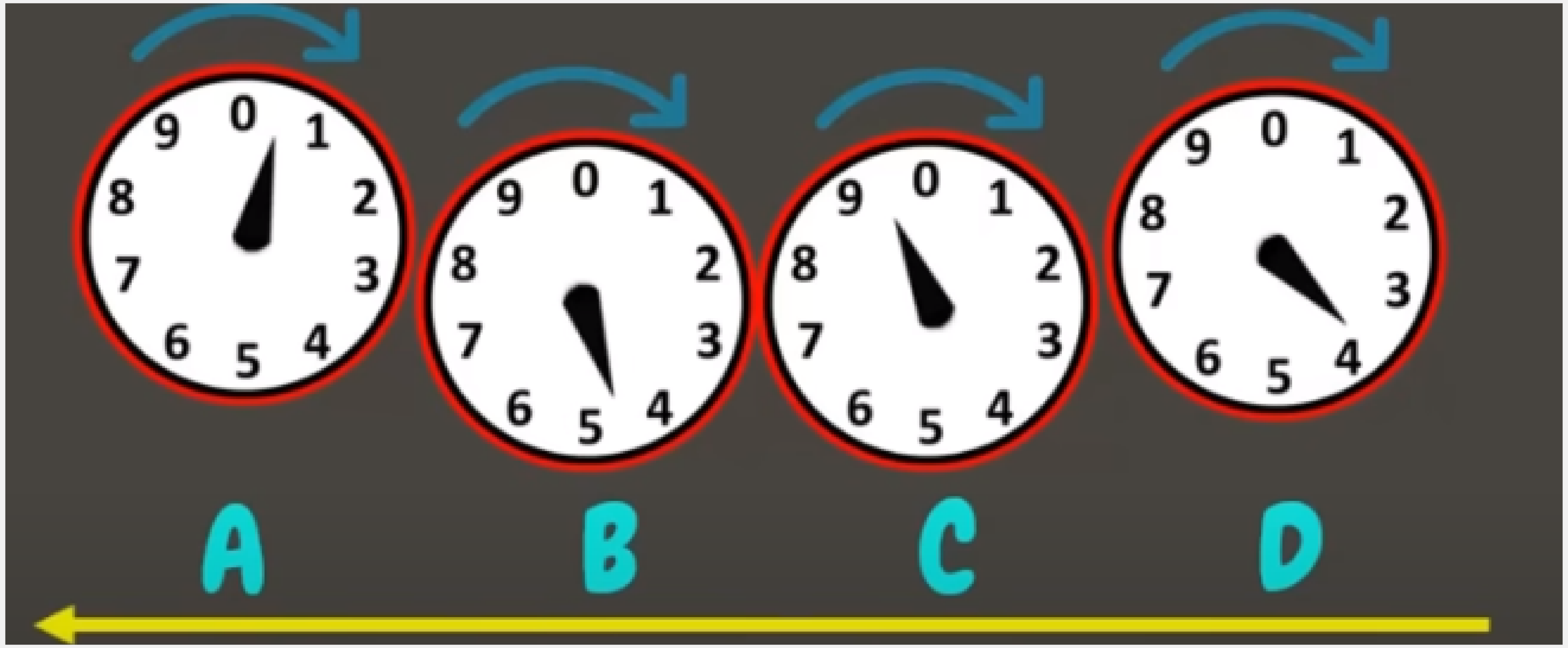
STEP 2;



A	B	C	D	E
1	1	0	8	8

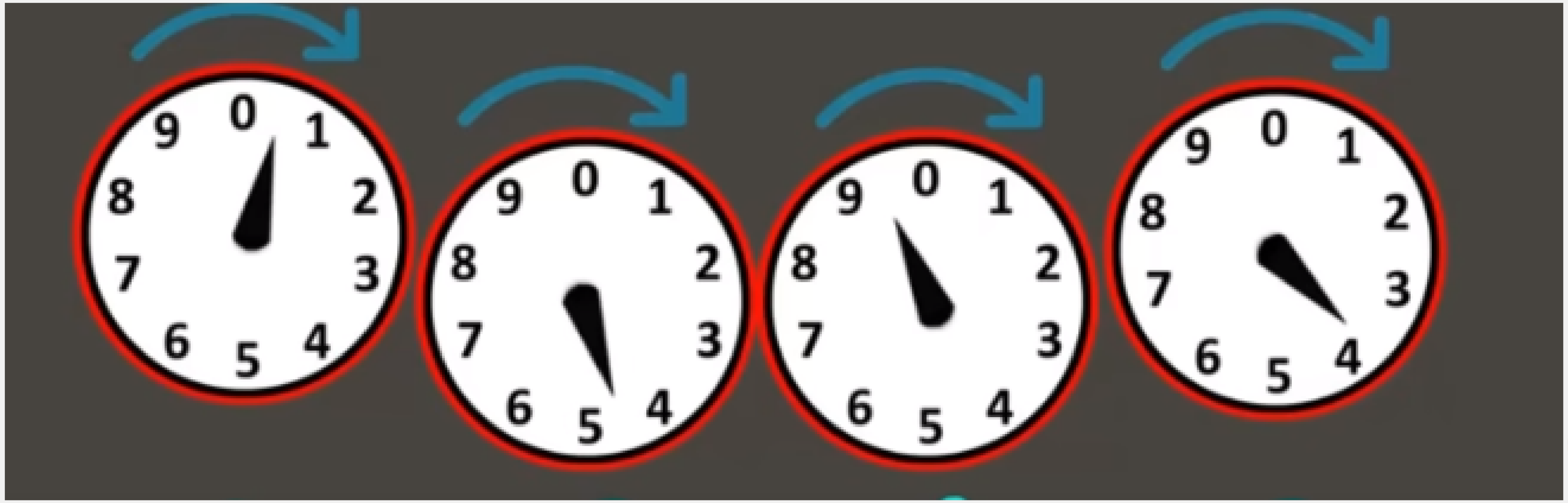
11088 kwh

WATER METER measures the amount of water used which is measured in CUBIC METER (M3).

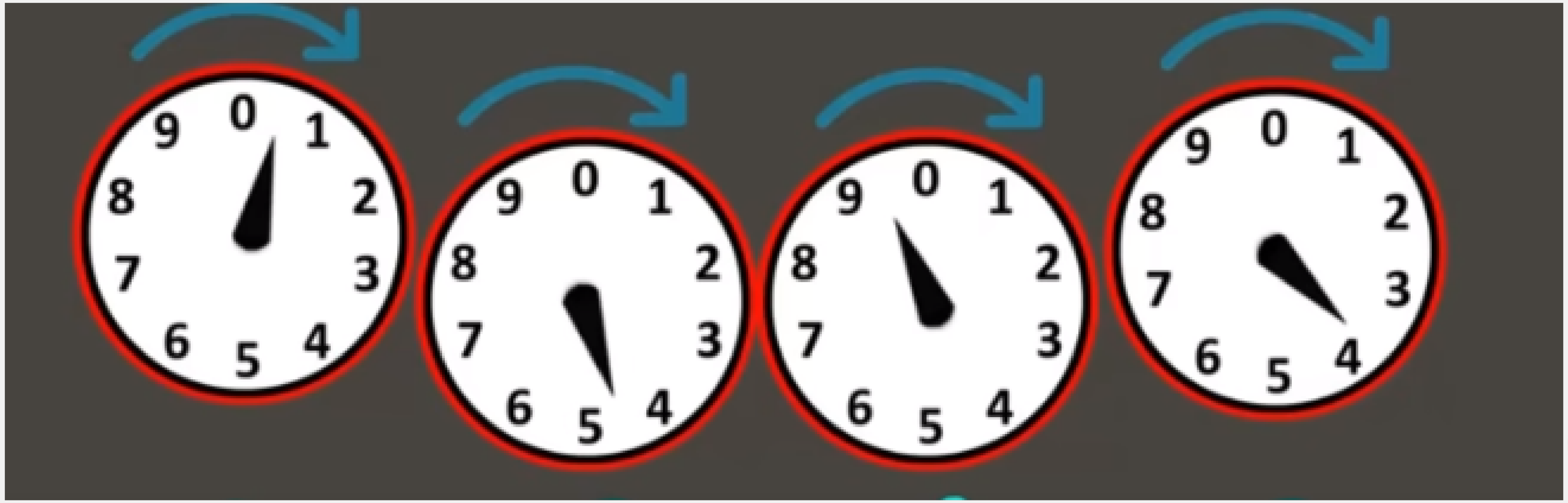


STEP 1; read from LEFT TO RIGHT

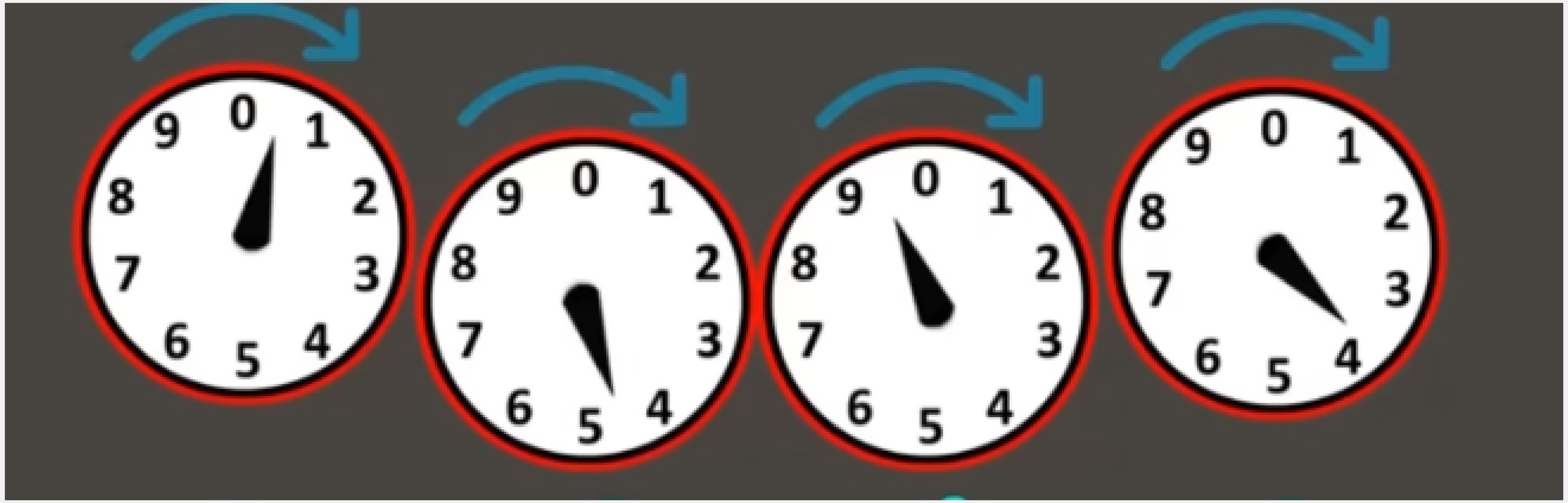
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim



STEP 2; READ THE NUMBERS BY THE POINTER OF THE DIAL.WHEN IS BETWEEN THE 2 NUMBERS THE LOWER NUMBER IS RECORDED.



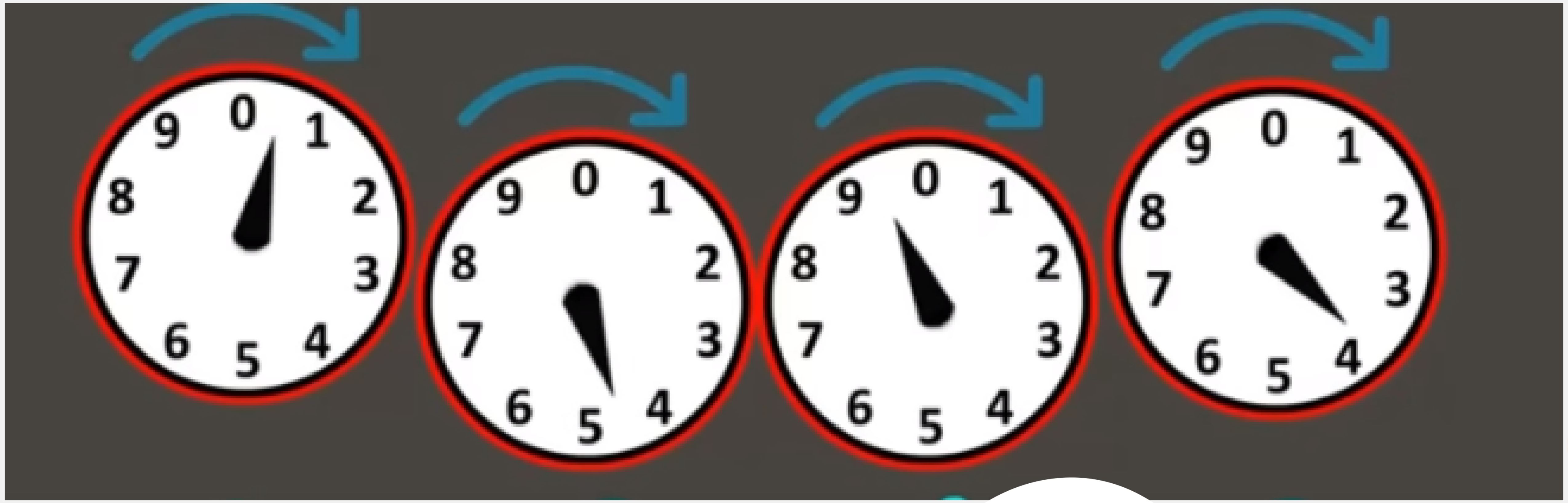
STEP 2; READ THE NUMBERS BY THE POINTER OF THE DIAL.WHEN IS BETWEEN THE 2 NUMBERS THE LOWER NUMBER IS RECORDED.


0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9

0 4 9 3

STEP 2; READ THE NUMBERS BY THE POINTER OF THE DIAL.WHEN IS BETWEEN THE 2 NUMBERS THE LOWER NUMBER IS RECORDED.

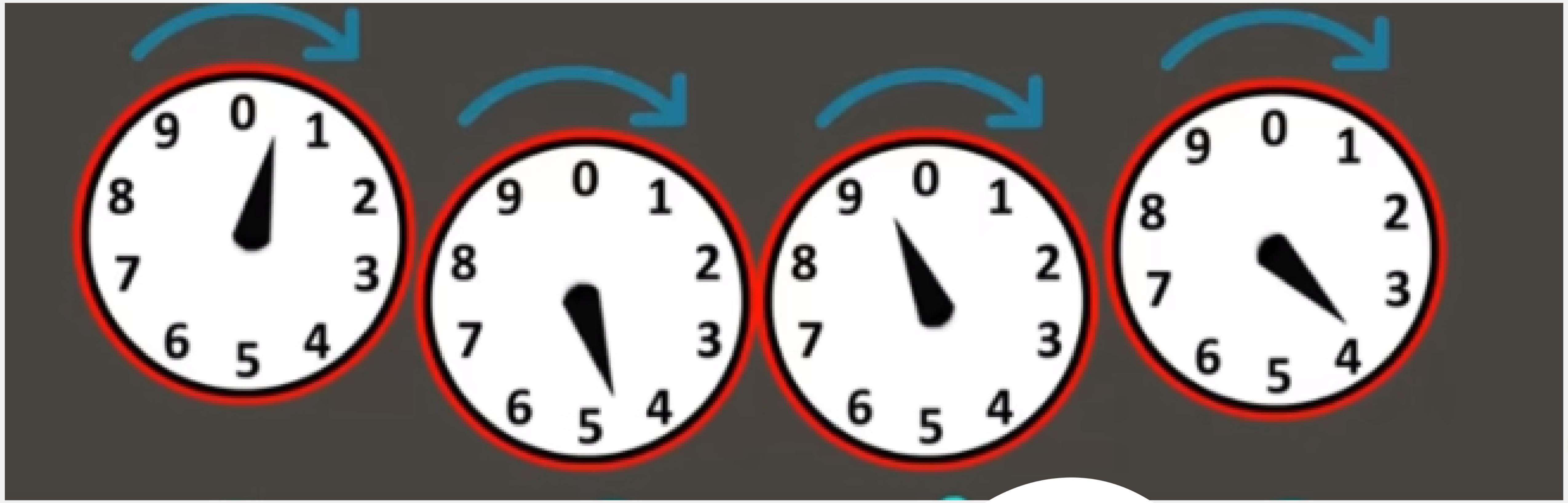
Add a hea



0 4 9 3

3

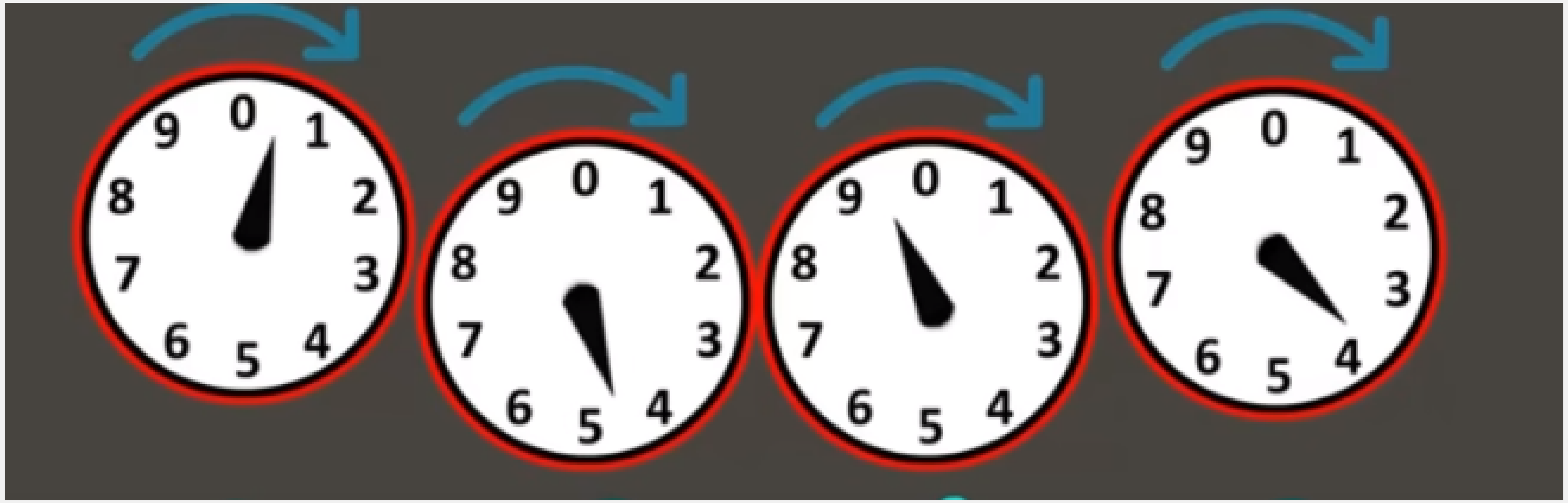
STEP 3: RECORED NUMBER FROM RIGHT



0 4 9 3

3940 M3

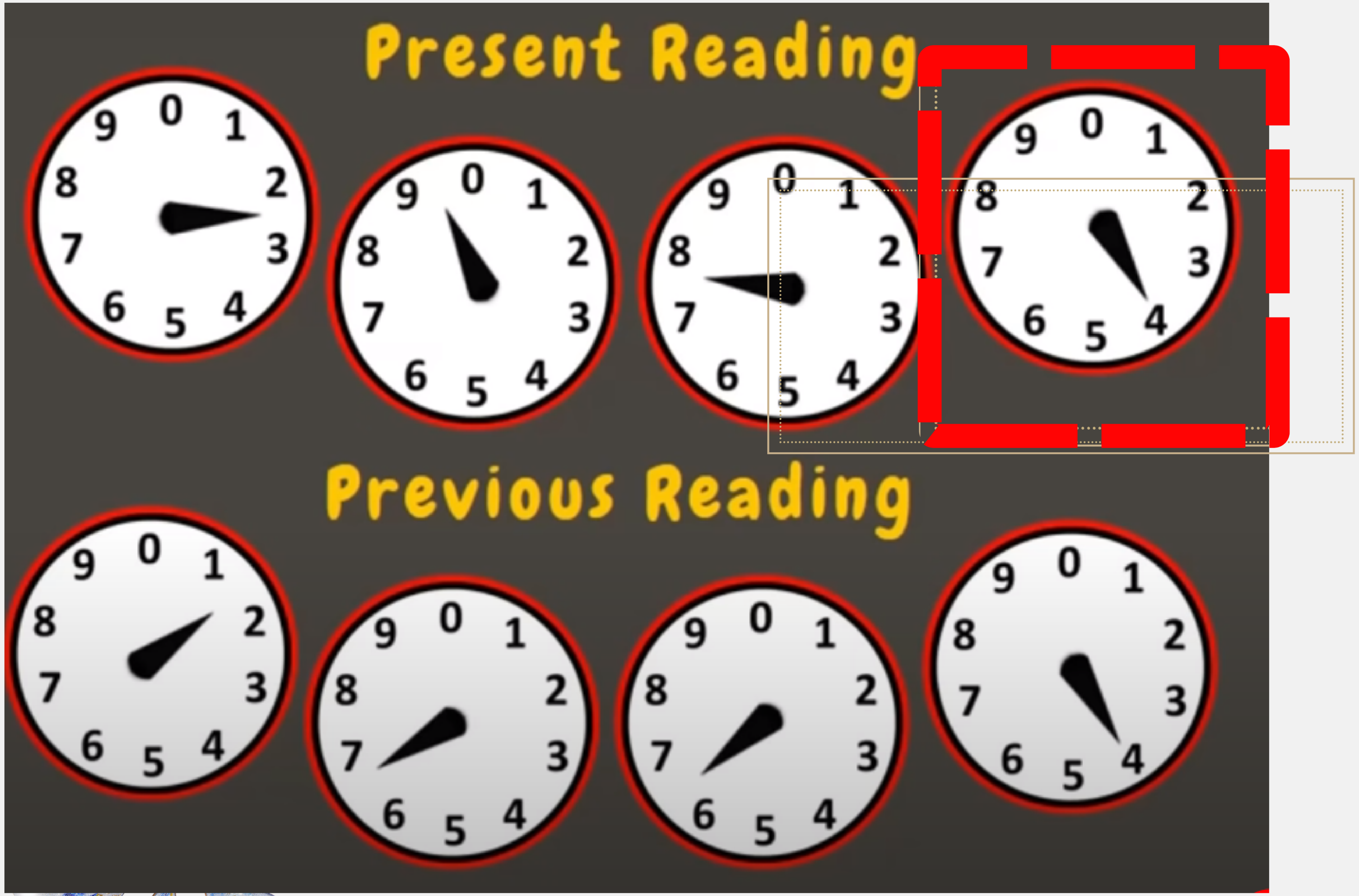
STEP 3: RECORED NUMBER FROM RIGHT



0 4 9 3

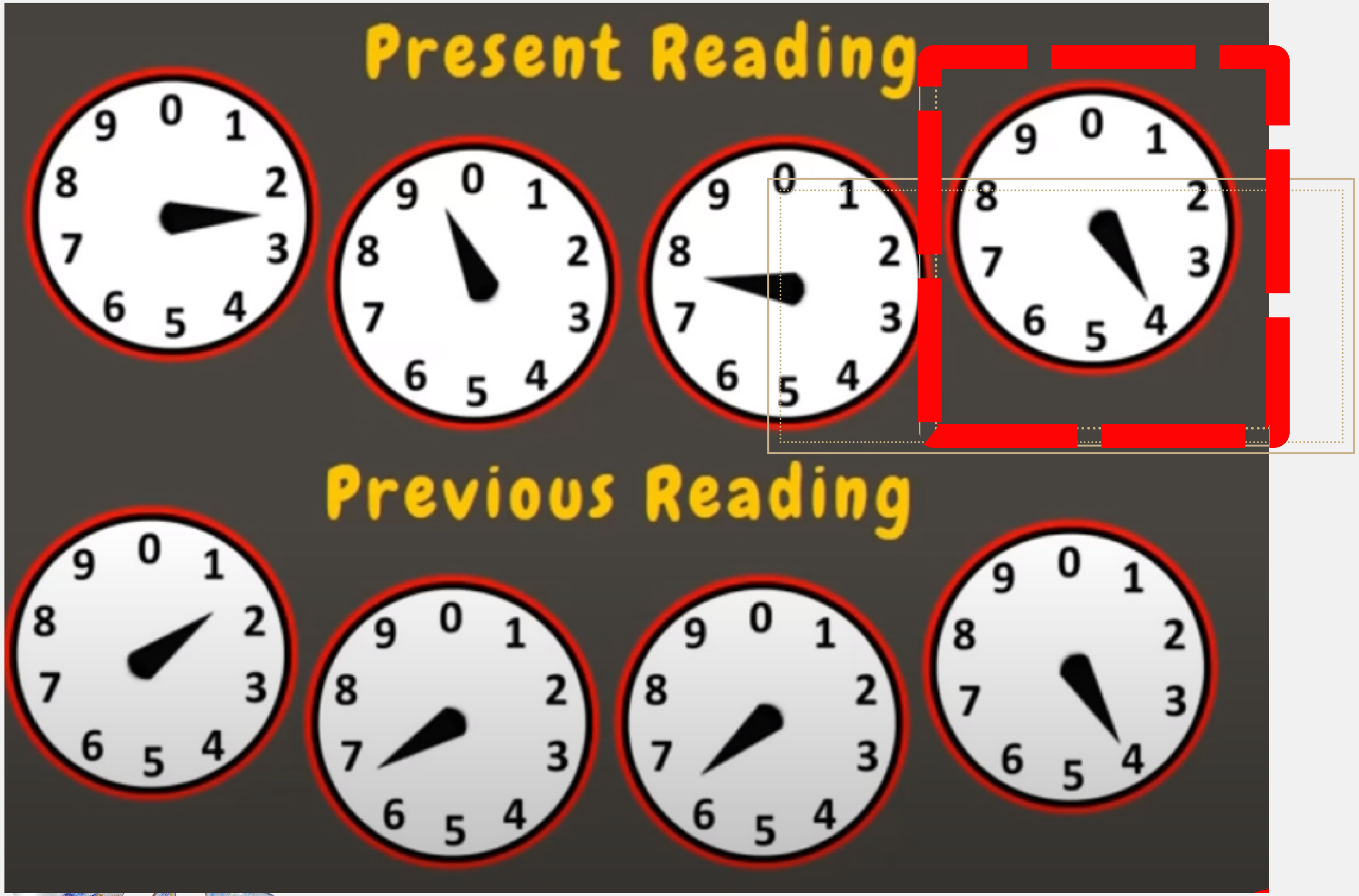
STEP 2: READ THE NUMBERS BY THE POINTER OF THE DIAL.WHEN IS BETWEEN THE 2 NUMBERS THE LOWER NUMBER IS RECORDED.

HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?


Present Reading
Previous Reading
0
1
2
3
4
5
6
7
8
9

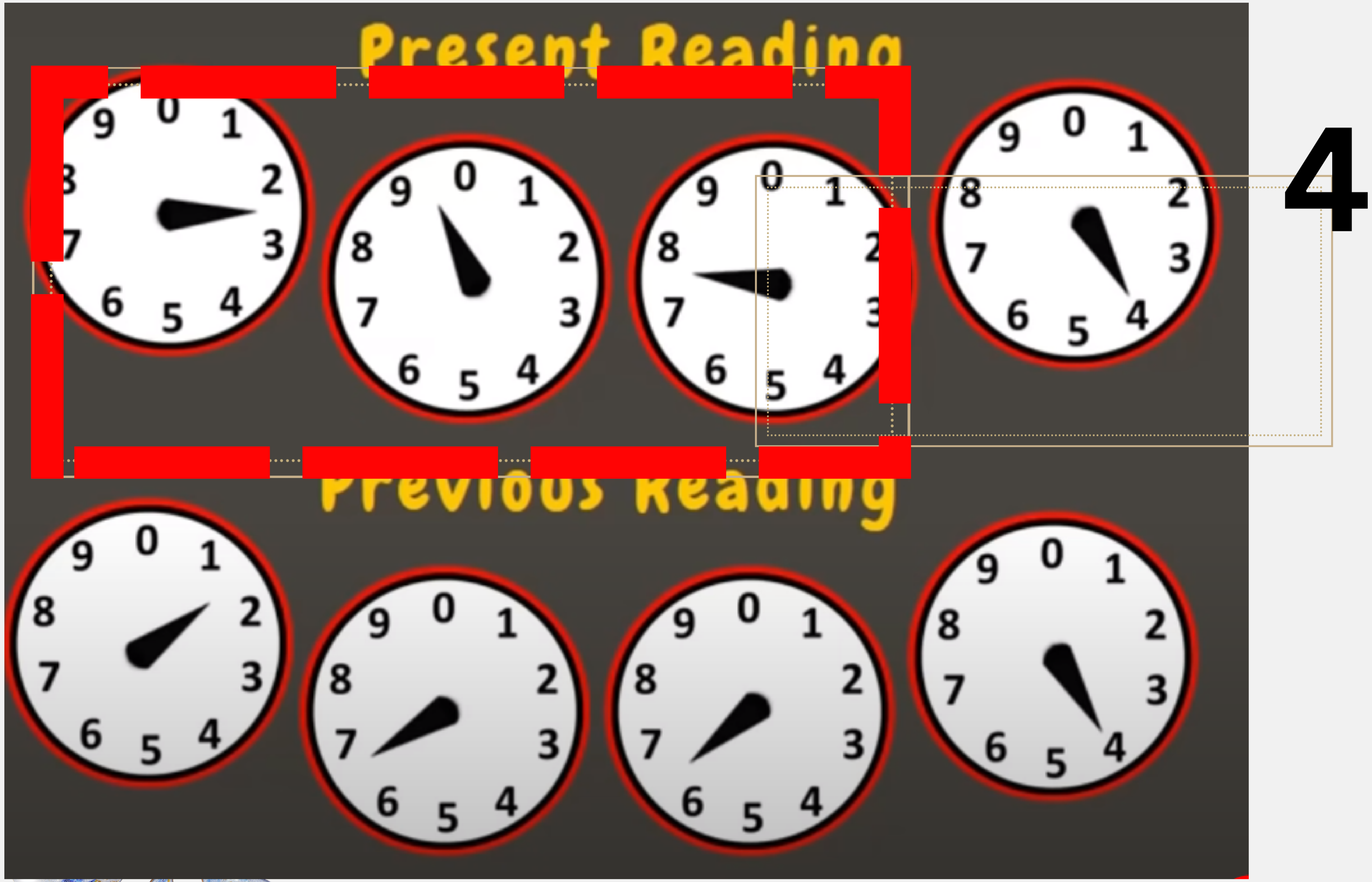
4

HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?


Present Reading
Previous Reading

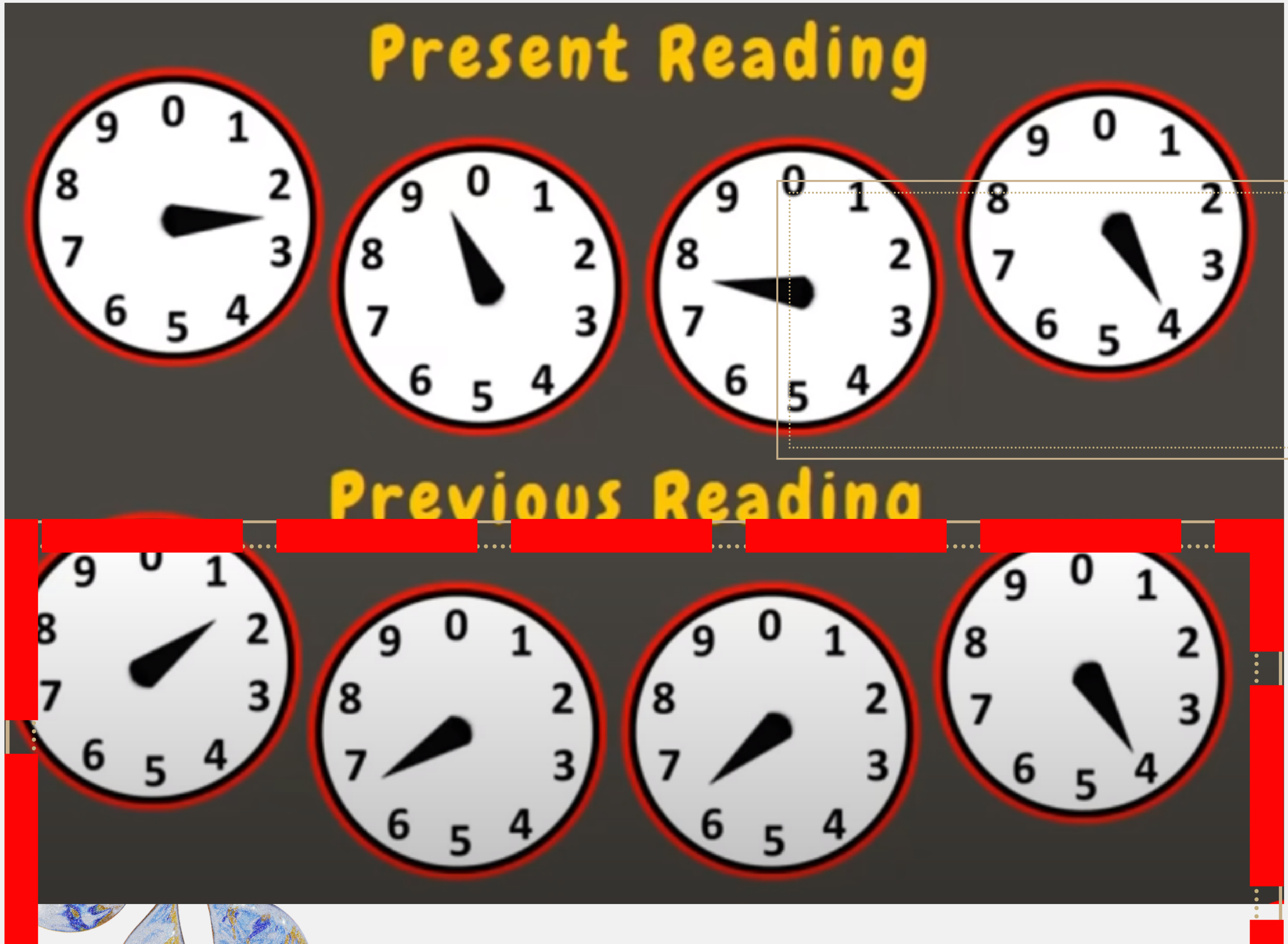
4

HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?


Present Reading
Previous Reading
9 0 1 2 3 4 5 6 7 8

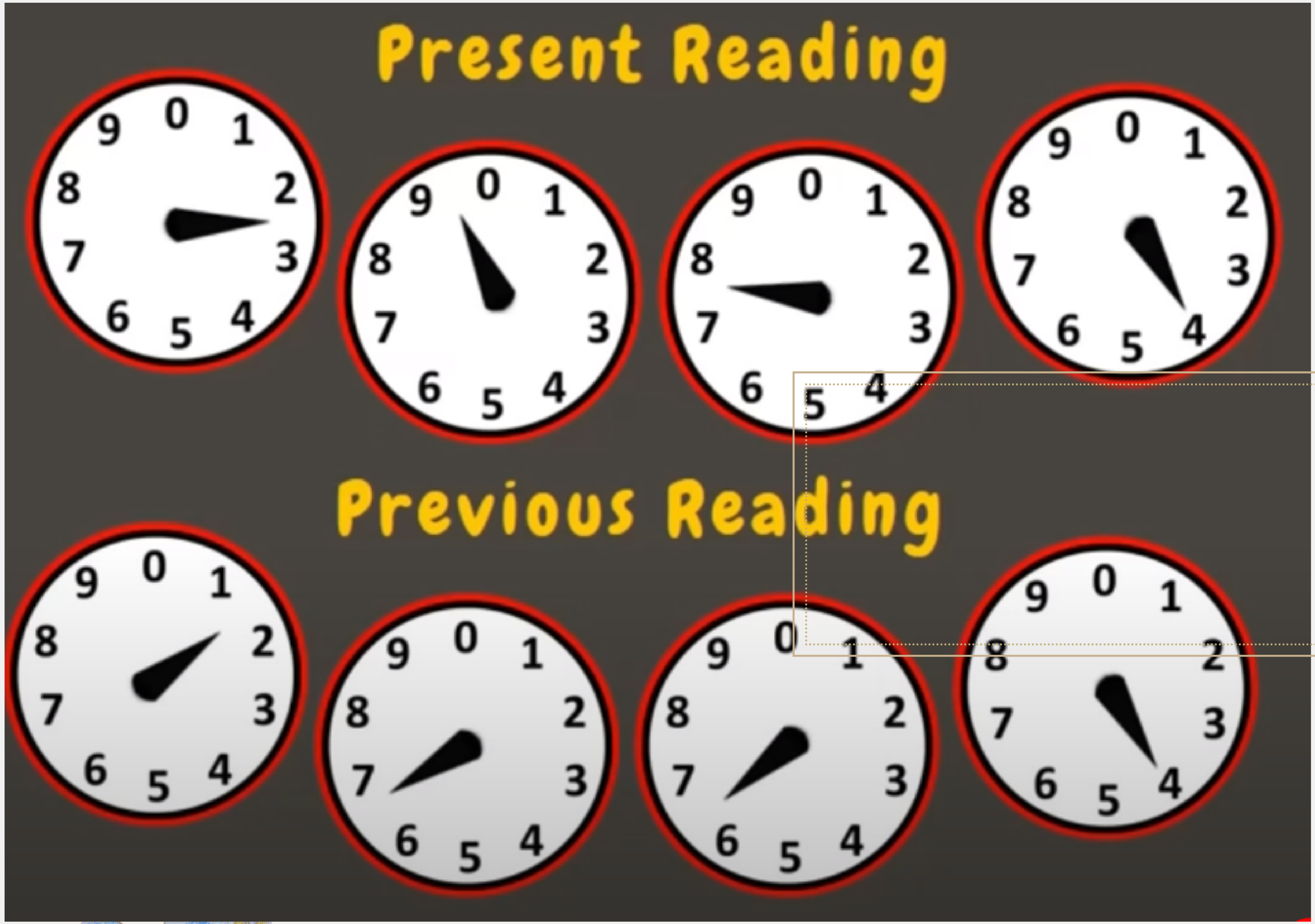
4 7 9 2 M3

HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?


Present Reading
Previous Reading

4 7 9 2 M3

4 6 6 1 M3

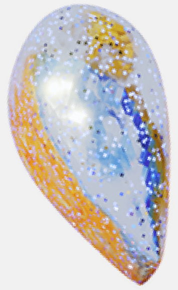

Present Reading
Previous Reading

4792 M3

4661 M3

CONSUMPTION= PR - PV

$$\begin{array}{lr} & 4792\,\text{M3} \\ - & 4661\,\text{M3} \\ \hline & 131\,\text{M3} \end{array}$$

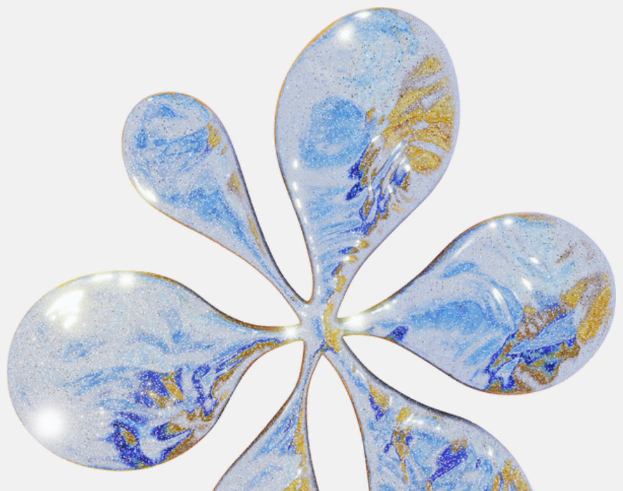


CONSUMPTION= PR - PV

IF THE WATER COS 7PESOS PER CUBIC METER. HOW MUCH WILL YOU PAY?

$$\begin{array}{lr} & 4792\,\text{M3} \\ - & 4661\,\text{M3} \\ \hline & {}^{2}131\,\text{M3} \\ \times & 7 \\ \hline \end{array}$$

917 pesos

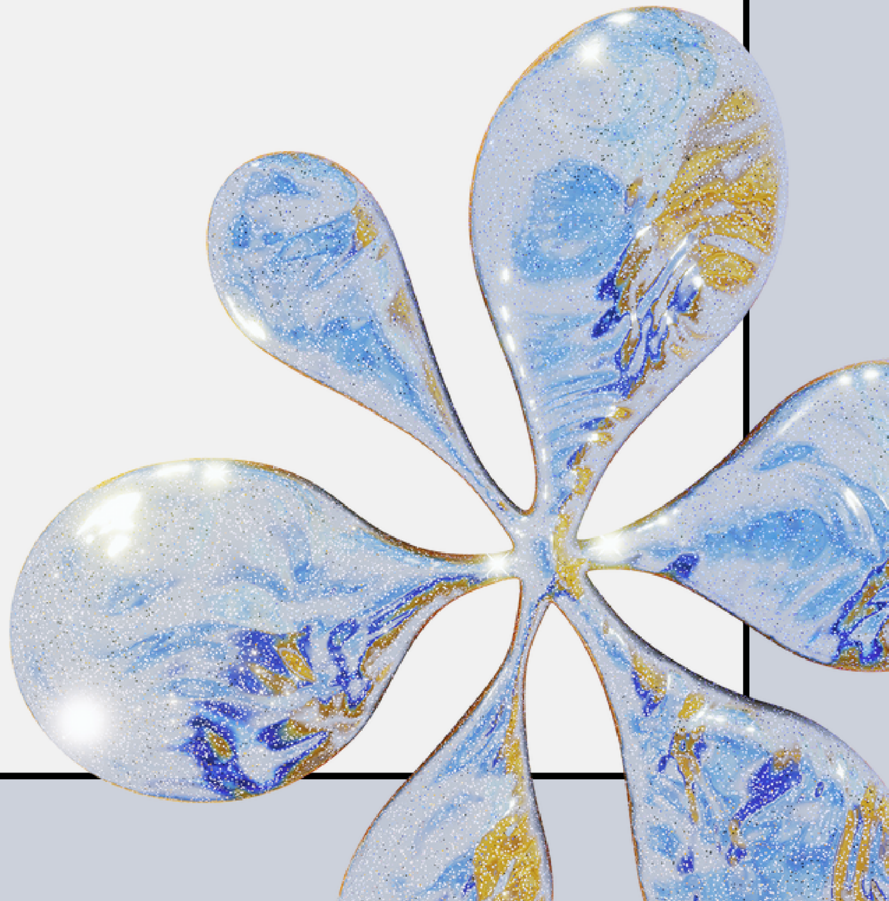


DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING;	**0114**
JANUARY;	**0256**
FEBRUARY;	**0459**
MARCH;	**0651**

A; ON WHAT MOTH DID HE USE MOST WATER?

CONSUMPTION = PR - PV



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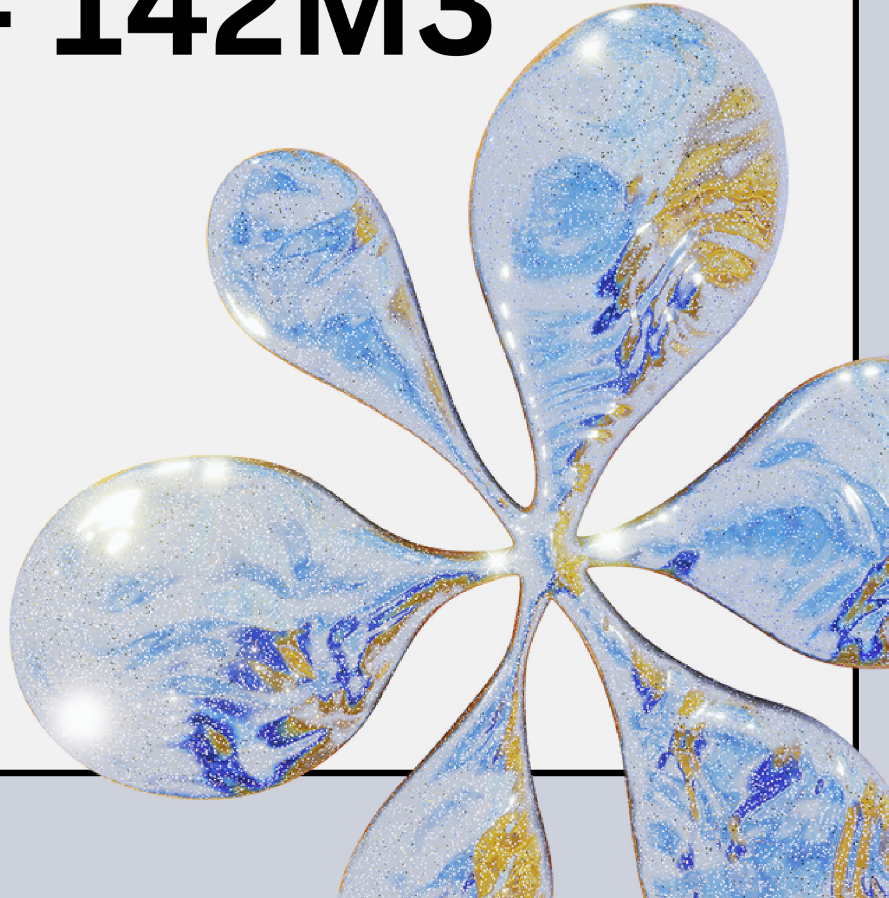
DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING; 0114
JANUARY; 0256
FEBRUARY; 0459
MARCH; 0651

A; ON WHAT MOTH DID HE USE MOST WATER?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION= 0114 - 0256 = 142M3



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do eiusmod tempor incididunt ut labore et dolore magna
aliqua. Ut enim ad minim veniam, quis nostrud exercitation

DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

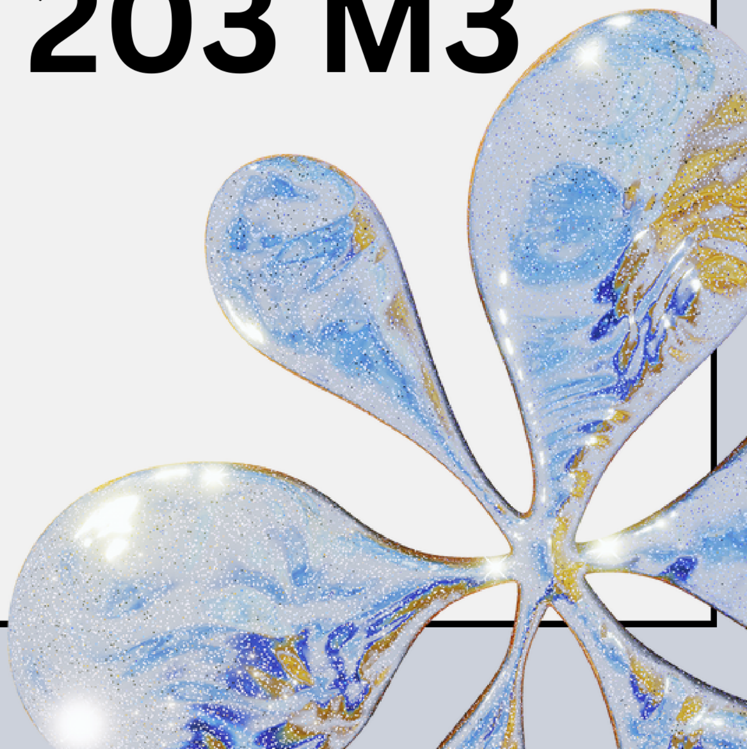
INITIAL READING;	0114
JANUARY;	0256
FEBRUARY;	0459
MARCH;	0651

A; ON WHAT MOTH DID HE USE MOST WATER?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3

FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3



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DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING;	0114
JANUARY;	0256
FEBRUARY;	0459
MARCH;	0651

A; ON WHAT MOTH DID HE USE MOST WATER?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3

FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3

MARCH CONSUMPTION-- 0651- 0459 = 193 M3

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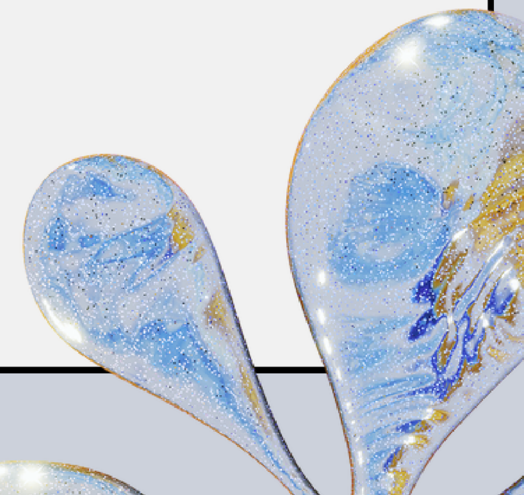

DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING;	0114
JANUARY;	0256
FEBRUARY;	0459
MARCH;	0651

B; HOW MANY CUBIC METERS DID THEY USE FOR 3 MONTHS?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3
FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3
MARCH CONSUMPTION-- 0651- 0459 = 193 M3

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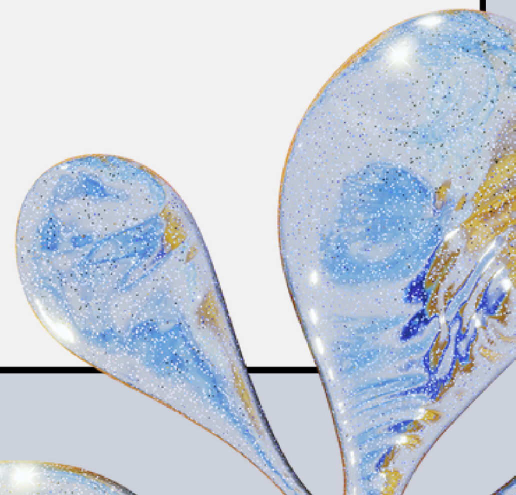


DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

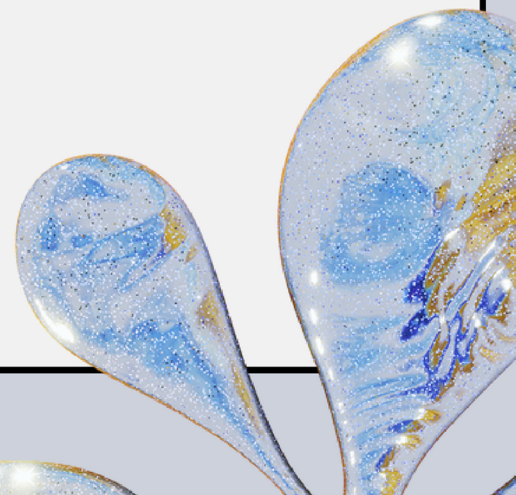
INITIAL READING; 0114
JANUARY; 0256
FEBRUARY; 0459
MARCH; 0651

B; HOW MANY CUBIC METERS DID THEY USE FOR 3 MONTHS?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3
FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3
MARCH CONSUMPTION-- 0651- 0459 = 193 M3

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation



DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING; 0114
JANUARY; 0256
FEBRUARY; 0459
MARCH; 0651

B; HOW MANY CUBIC METERS DID THEY USE FOR 3 MONTHS?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION- 142 M3
FEBRUARY CONSUMPTION- 203 M3
MARCH CONSUMPTION- 193 M3

$$
\begin{array}{r}
142\text{ M3} \\
203\text{ M3} \\
+\ 193\text{ M3} \\
\hline
\boxed{537\text{ M3}}
\end{array}
$$

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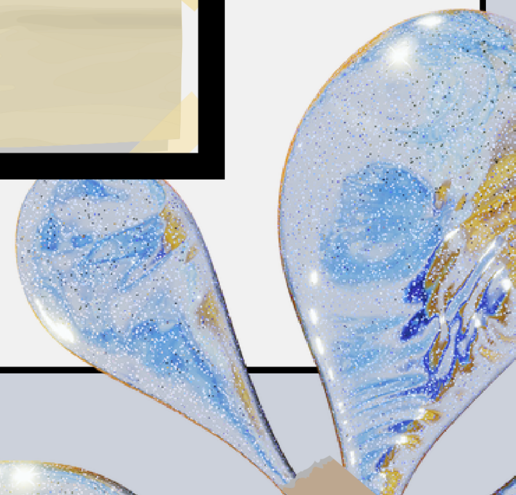


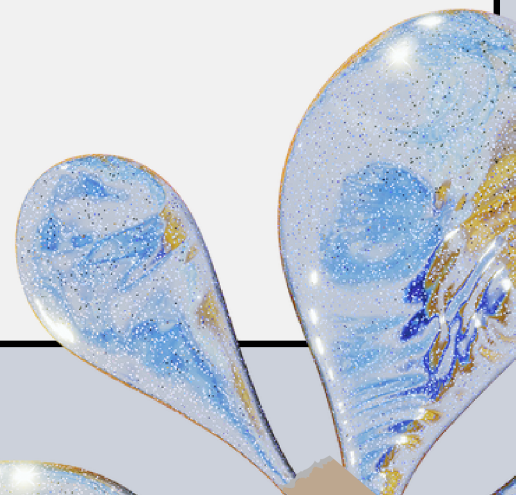
DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING; 0114
JANUARY; 0256
FEBRUARY; 0459
MARCH; 0651

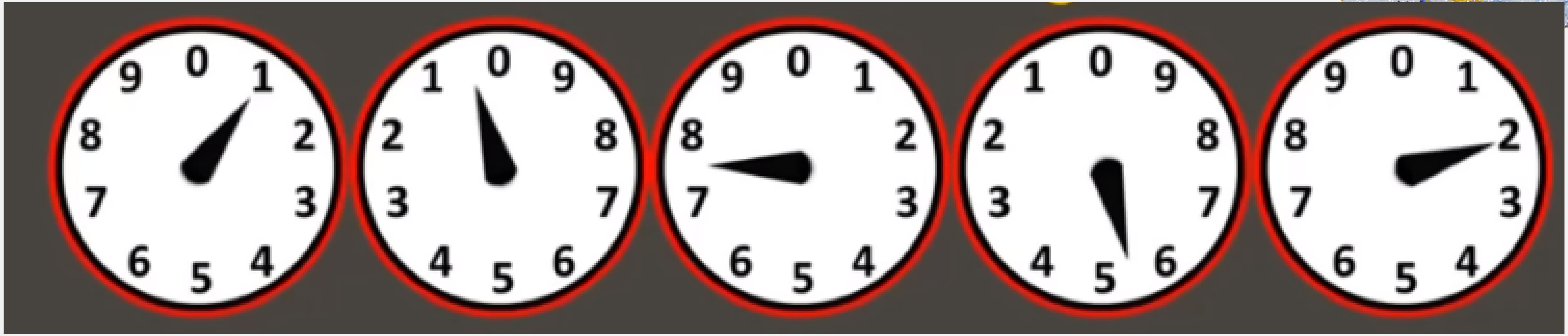
C; SOLVE THE AVARAGGE MONTHLY CONSUMPTION IN CUBIC METERS.

$$\text{AVARAGE MONTHLY CONSUMTION} = \frac{\text{TOTAL CONSUMPTION}}{\text{NO .OF MONTHS}}$$

$$\frac{537\text{ M3}}{3} = \boxed{179\text{ M3}}$$



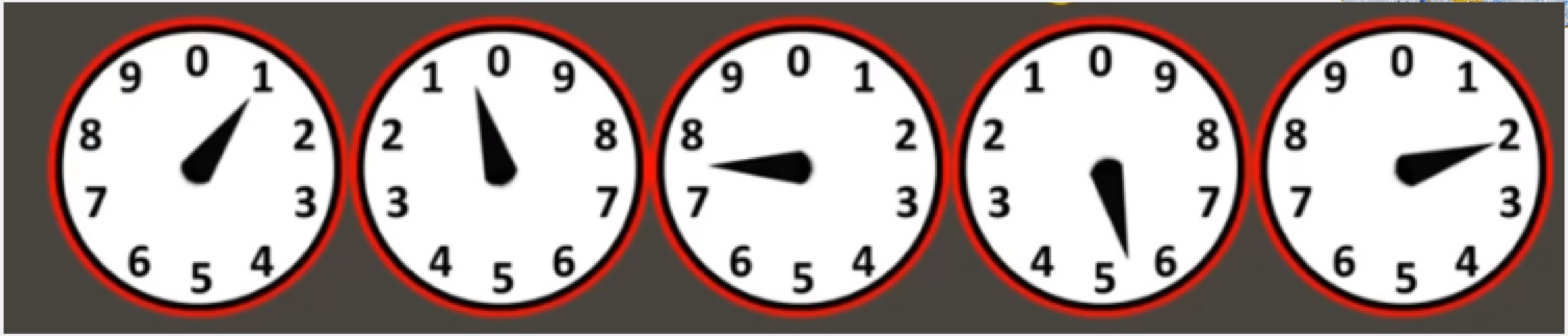
PRESENT READING



9 0 1 8 2 7 3 6 5 4
1 0 9 2 8 3 7 4 5 6
9 0 1 8 2 7 3 6 5 4
1 0 9 2 8 3 7 4 5 6
9 0 1 8 2 7 3 6 5 4

A B C D E

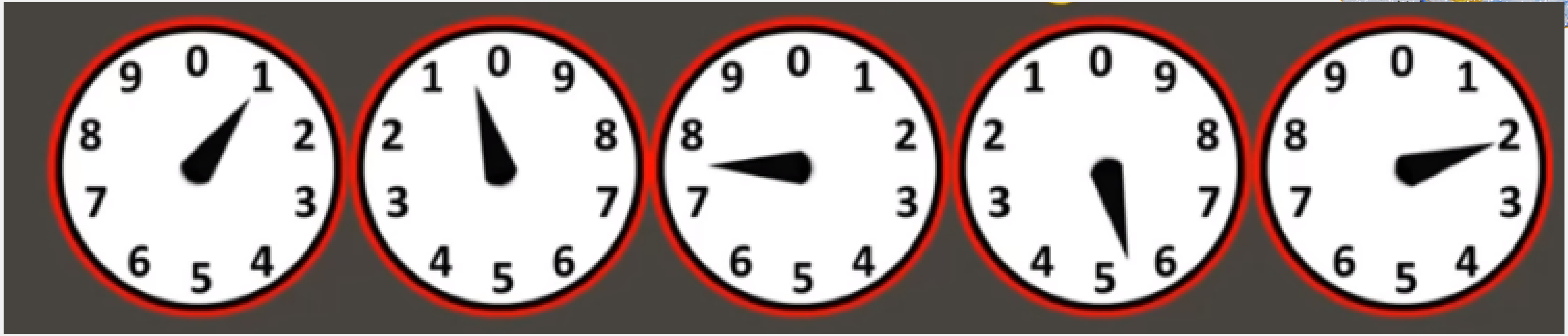
PRESENT READING



A B C D 2

LEFT TO RIGHT

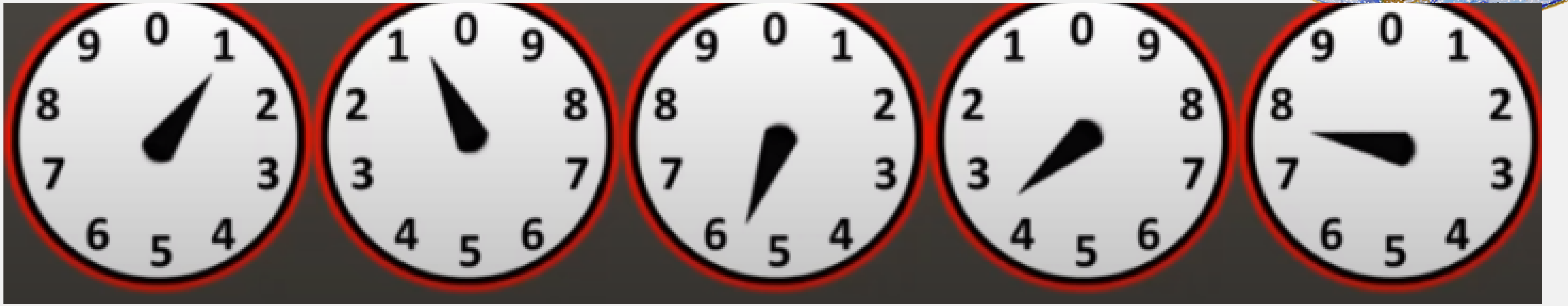
PRESENT READING



1 0 7 5 2

LEFT TO RIGHT

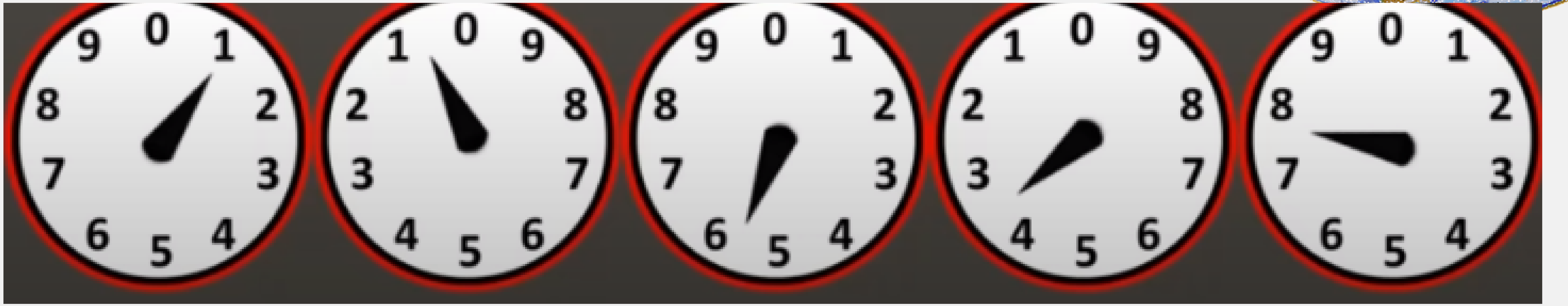
PREVIOUS READING


9 0 1 2 3 4 5 6 7 8
1 0 9 8 7 6 5 4 3 2
9 0 1 2 3 4 5 6 7 8
1 0 9 8 7 6 5 4 3 2
9 0 1 2 3 4 5 6 7 8

A B C D E

LEFT TO RIGHT

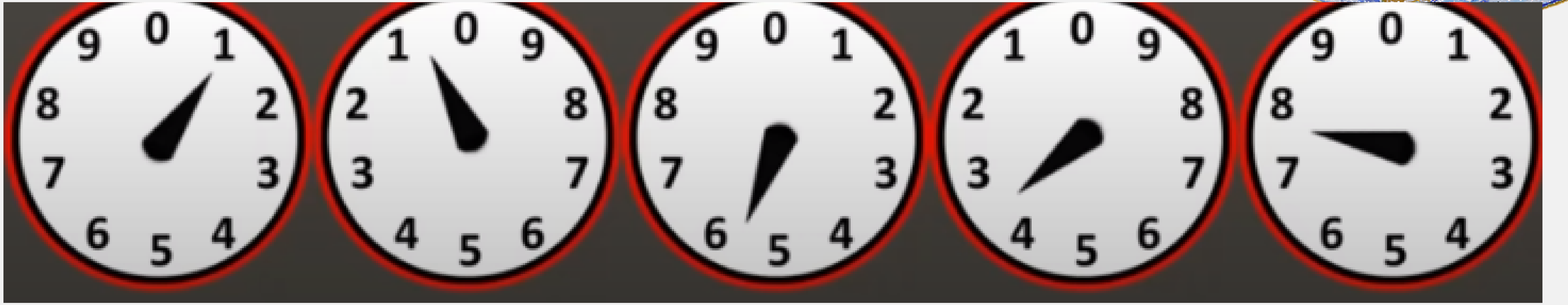
PREVIOUS READING


9 0 1 2 3 4 5 6 7 8
1 0 9 8 7 6 5 4 3 2
9 0 1 2 3 4 5 6 7 8
1 0 9 8 7 6 5 4 3 2
9 0 1 2 3 4 5 6 7 8

A B C D 7

LEFT TO RIGHT

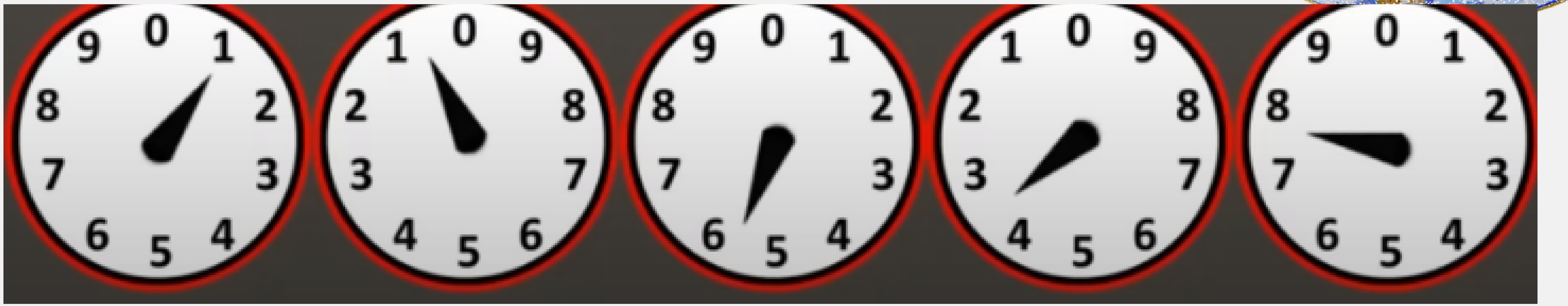
PREVIOUS READING


0 1 2 3 4 5 6 7 8 9
0 9 8 7 6 5 4 3 2 1
0 1 2 3 4 5 6 7 8 9
0 9 8 7 6 5 4 3 2 1
0 1 2 3 4 5 6 7 8 9

A B C D 7

LEFT TO RIGHT

PREVIOUS READING

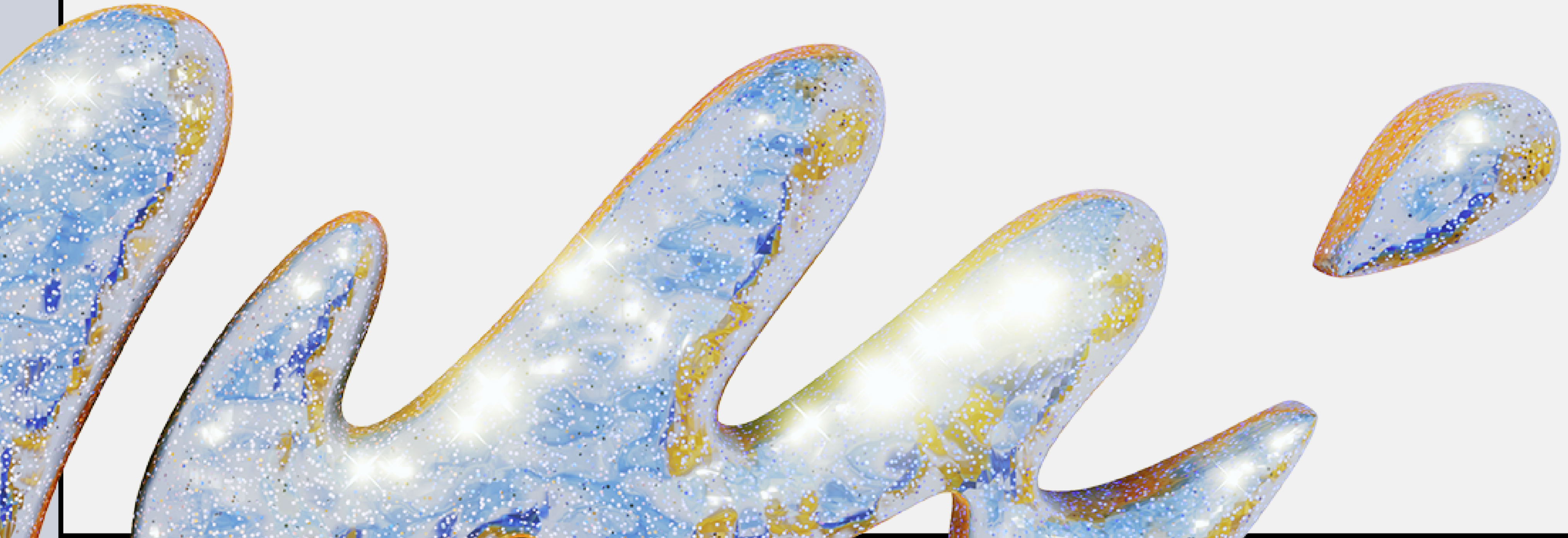

0 1 2 3 4 5 6 7 8 9
0 9 8 7 6 5 4 3 2 1
0 1 2 3 4 5 6 7 8 9
0 9 8 7 6 5 4 3 2 1
0 1 2 3 4 5 6 7 8 9

1 0 5 3 7

LEFT TO RIGHT

PRESENT READING	10752
PREVIOUS READING	10537

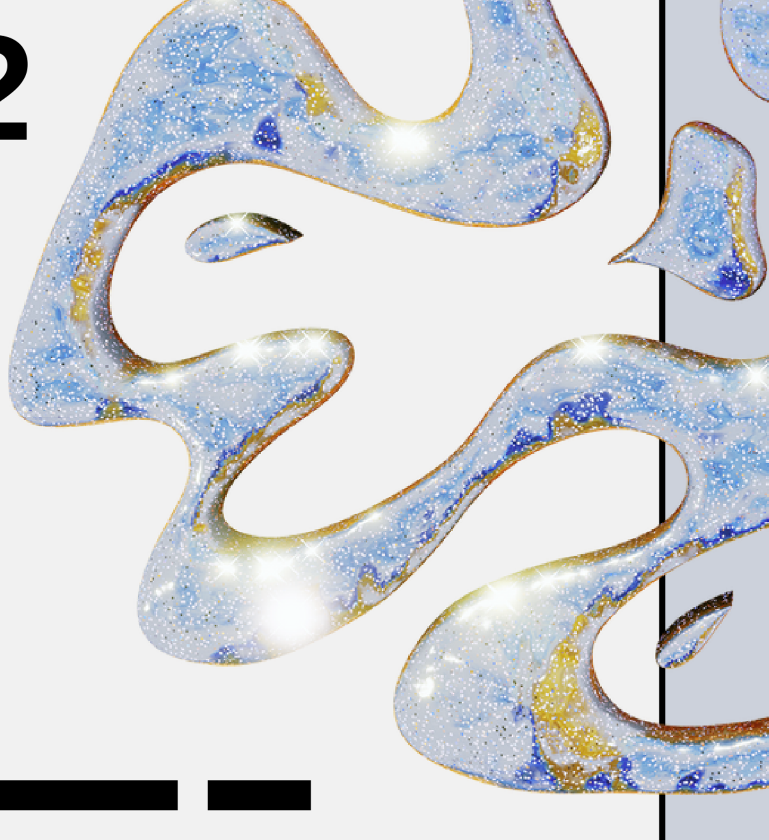
COMSUMPTION = PR - PV



PRESENT READING 10752

PREVIOUS READING 10537

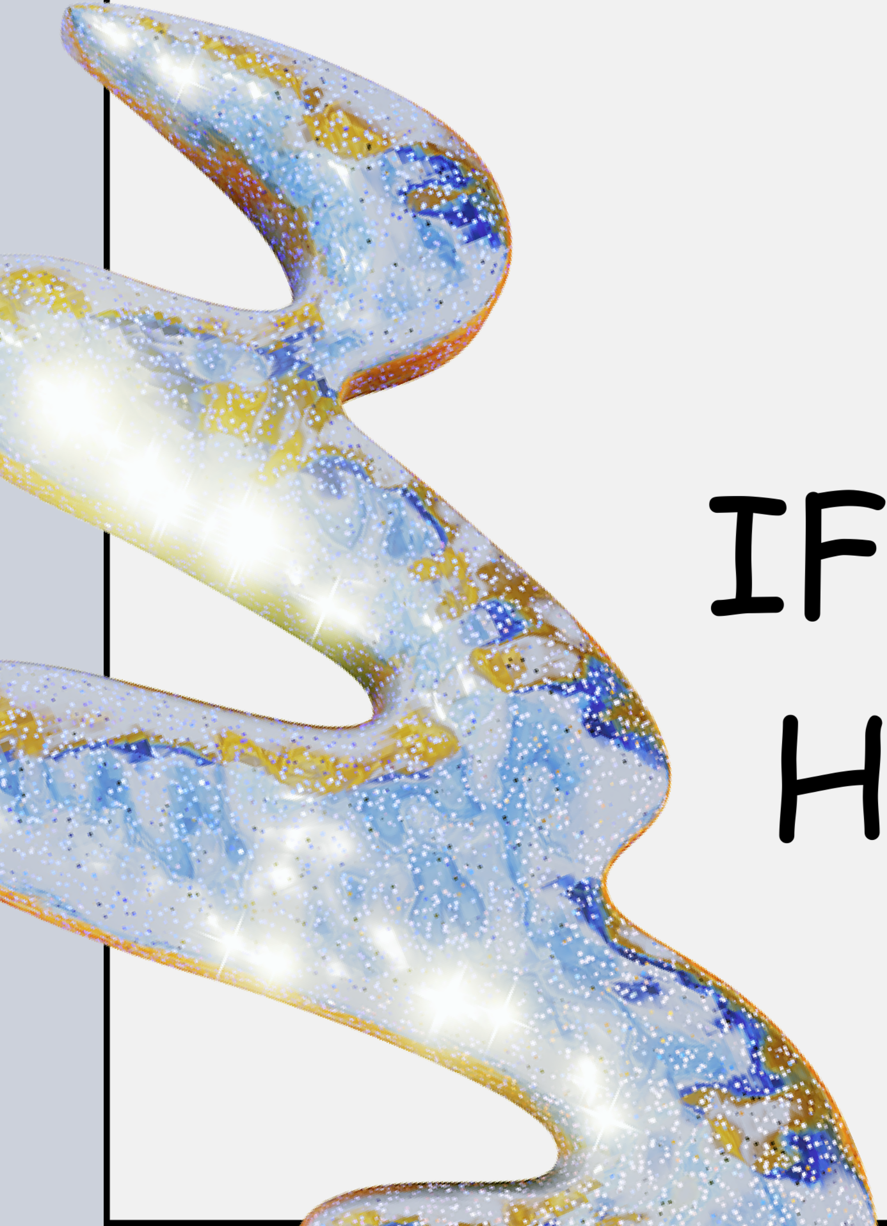
COMSUMPTION = PR - PV



PRESENT READING $107\overset{4}{\cancel{5}}\overset{12}{2}$

PREVIOUS READING $\underline{-10537}$

215 KWH



IF ELECTRICITY COST 3PESOS PER HOUR. HOW MUCH WILL HE PAY?

$$\begin{array}{lr} \text{PRESENT READING} & 107\overset{4}{\cancel{5}}\overset{12}{2} \\ \text{PREVIOUS READING} & -10537 \\ \hline & 215\ \text{KWH} \end{array}$$

IF ELECTRICITY COST 3PESOS PER HOUR. HOW MUCH WILL HE PAY?

SUMMARY

A; ELECTRICTY IS MEASURED IN KILOWATT-HOUR.

B; ELECTRIC METER IS USED TO MEASURE HOW MUCH ELECTRICITY IS CONSUMED.

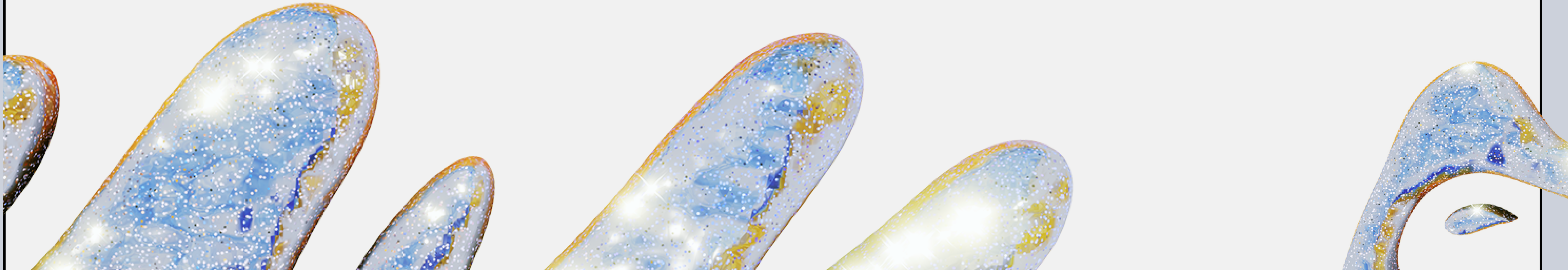
C; WATER IS MEASURED BY A WATER METER THAT WORKS LIKE SPEEDOMETER IN CARS THE UNIT OF MEASURE IN CUBIC METER. WRITTEN AS M3

SUMMARY

D; TO GET THE ELECTRIC OR WATER CONSUMPTION FOR THE MONTH SUBTRACT THE 2 CONSECUTIVE READING LIKE THIS;

Add a subheading

CONSUMPTION = PRESENT READING - PREVIOUS METER



M3

PRESENT READING $107\overset{4}{\cancel{5}}\overset{12}{2}$

PREVIOUS READING -10537

$2\,{}^{1}1\,5$ KWH

$\times\quad 3$

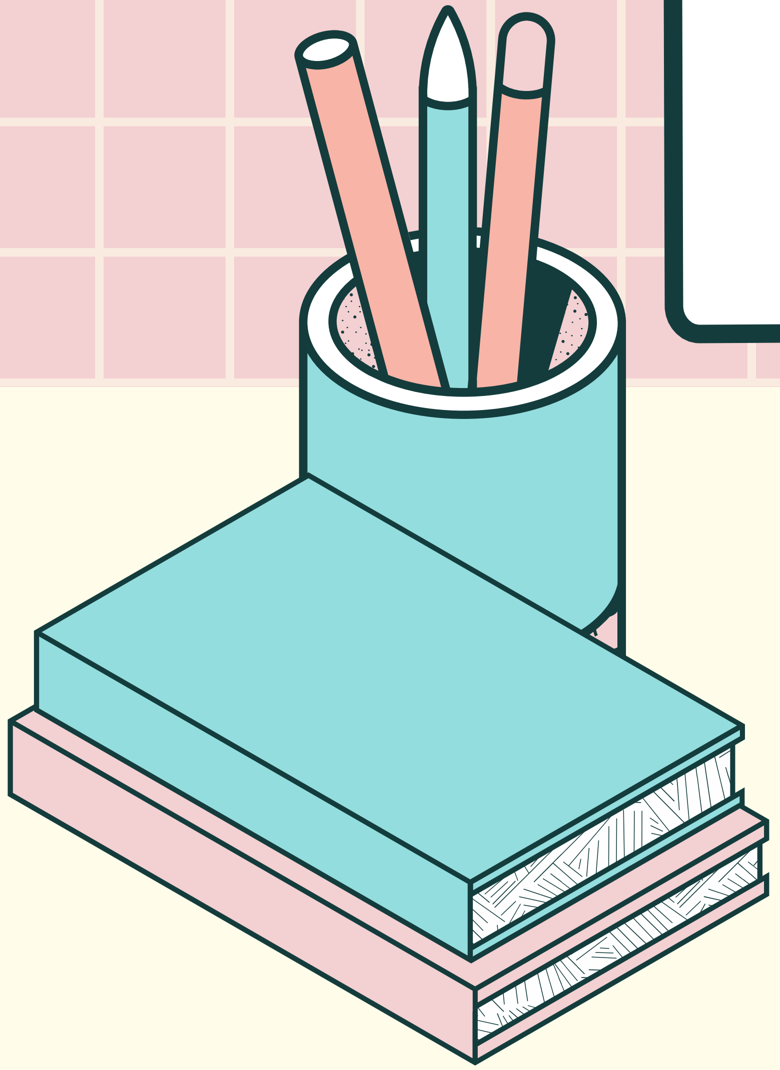
645 PESOS

HE WILL PAY 645 PESOS

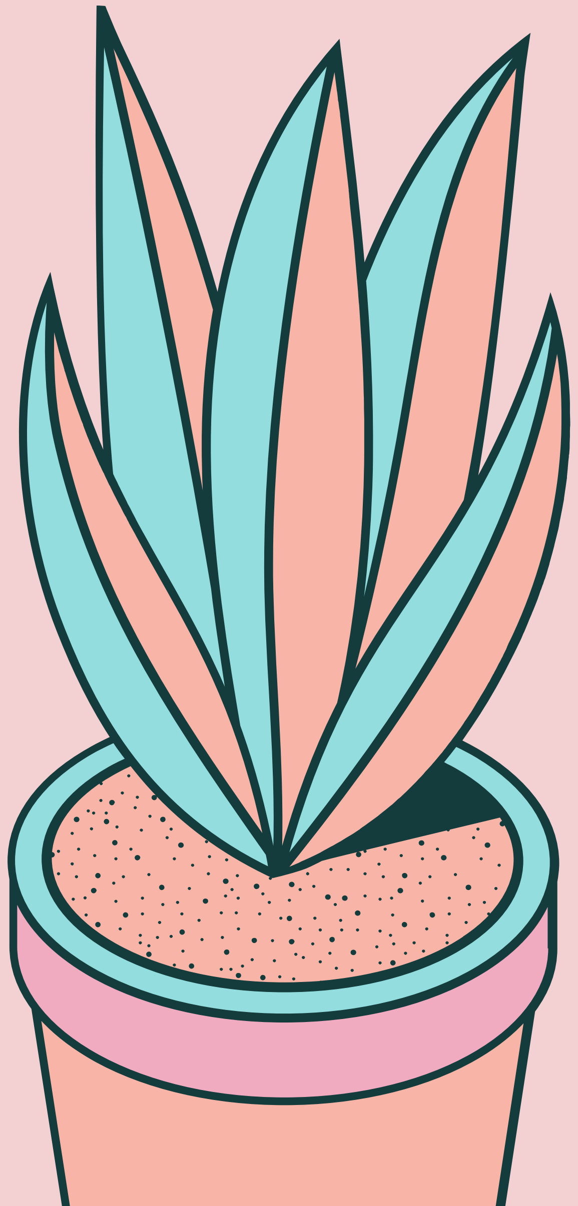
LESSON 4

PIE GRAPH

MELC-BASE WEEK 4 QUARTER 4



OBJECTIVE



CONSTRUCT

&

INTERPRET

PIE GRAPH

PIE GRAPH IS USED TO SHOW THE RELATION OF PARTS TO THE WHOLE & TO EACH OTHER.

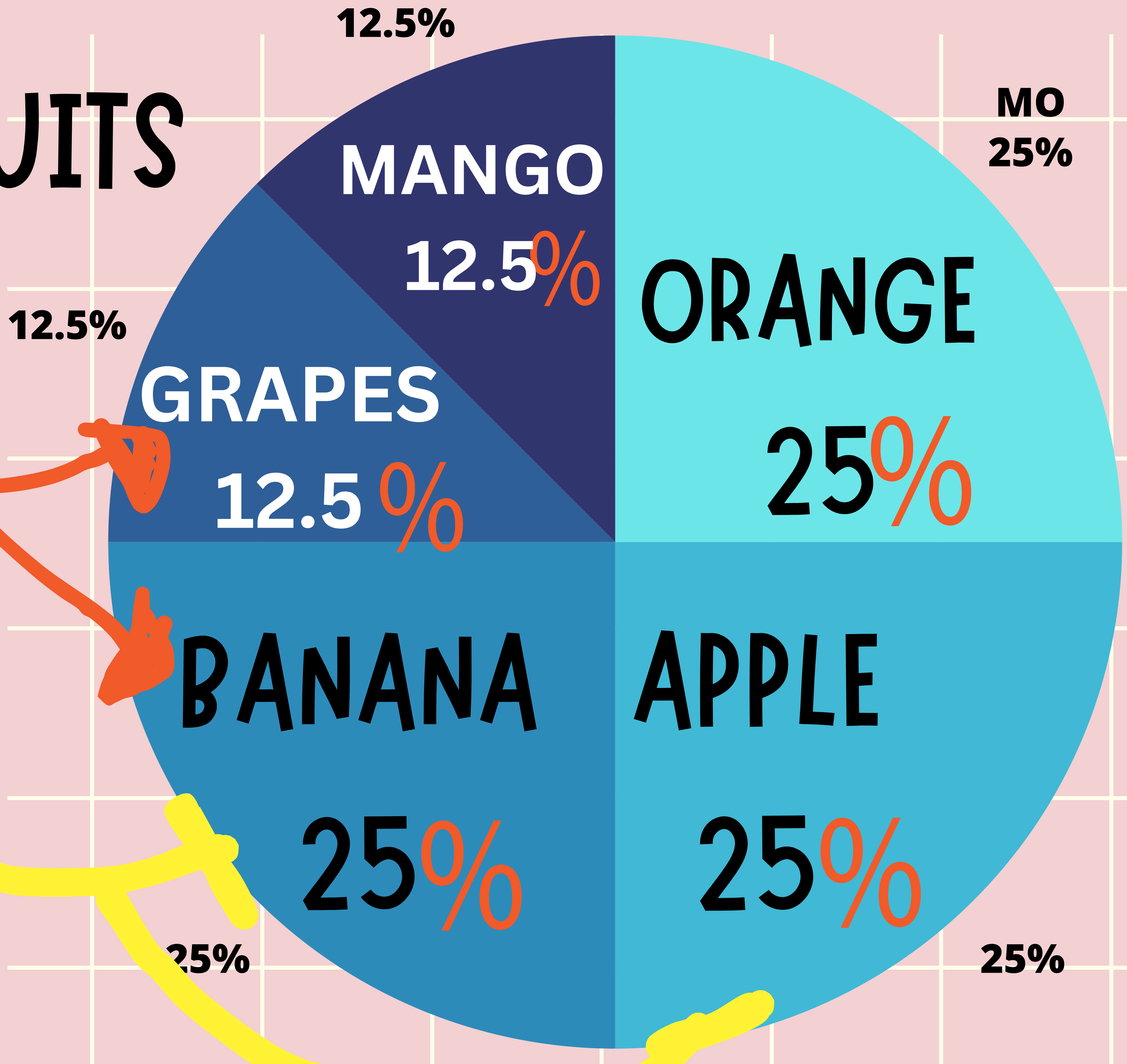
TITLE - MY FAVORITE FRUITS

LEGEND

- 🟦 ORANGE
- 🟦 MANGO
- 🟦 GRAPES
- 🟦 APPLE
- 🟦 BANANA

LABELS

SECTORS



HOW TO MAKE A PIE GRAPH?;

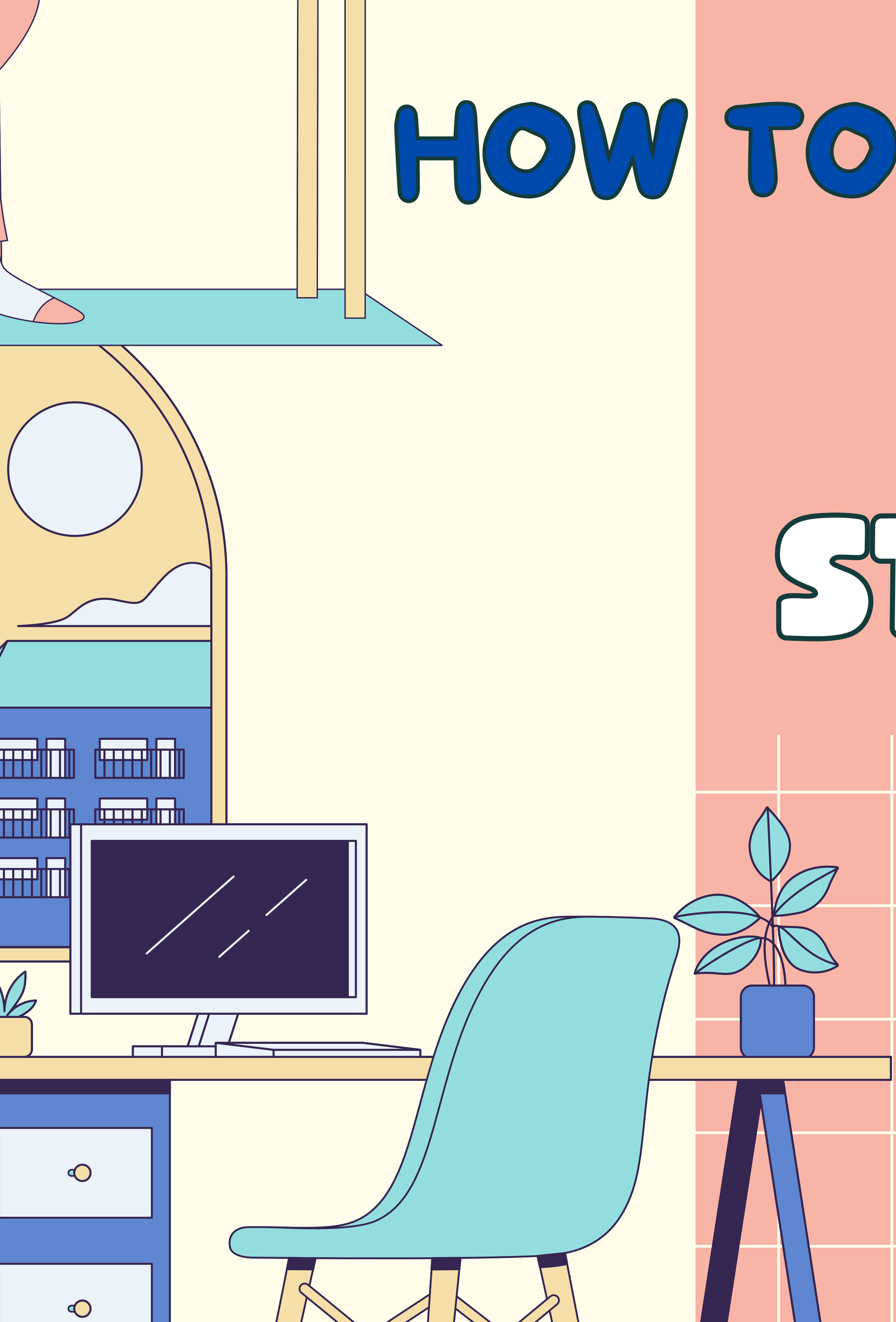
STEP 1; organied a data.

STEP 2; convert each amount into percent.

STEP 3; compute the degrees per per item.

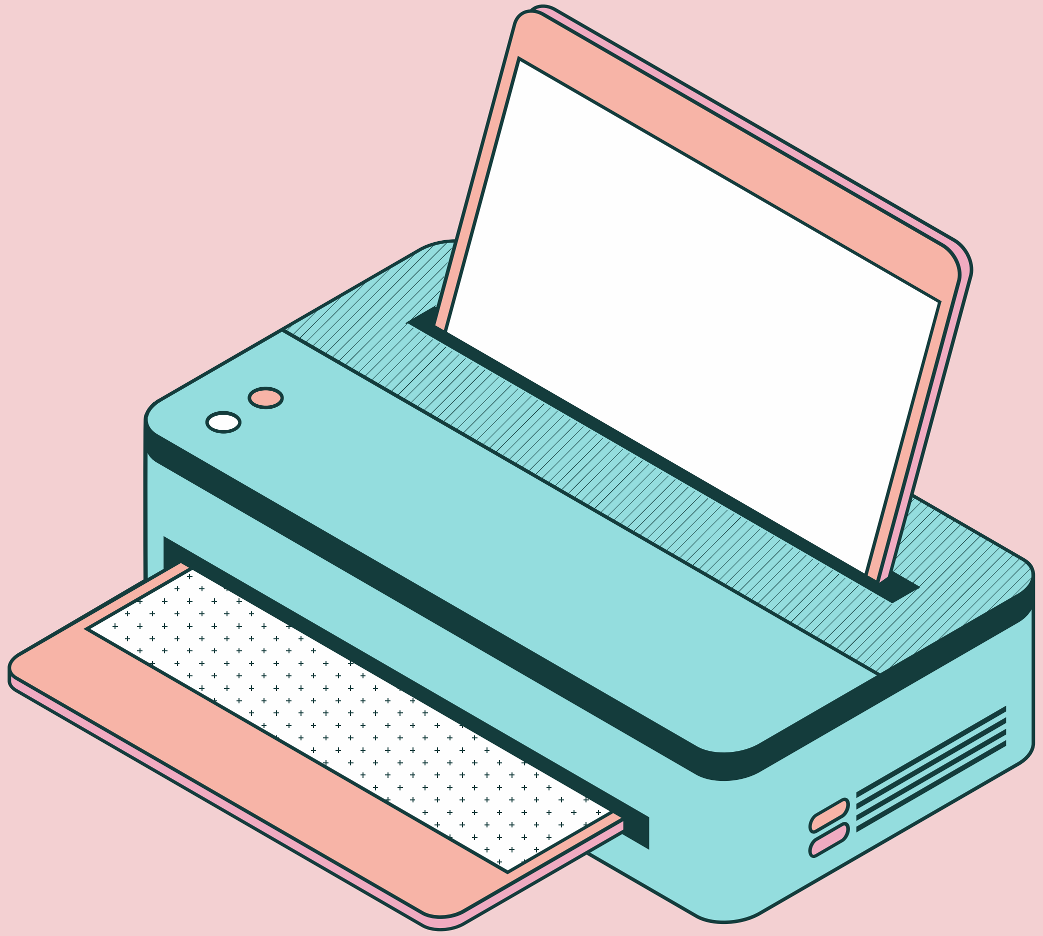
STEP 4; construct the pie graph

HOW TO MAKE A PIE GRAPH?;



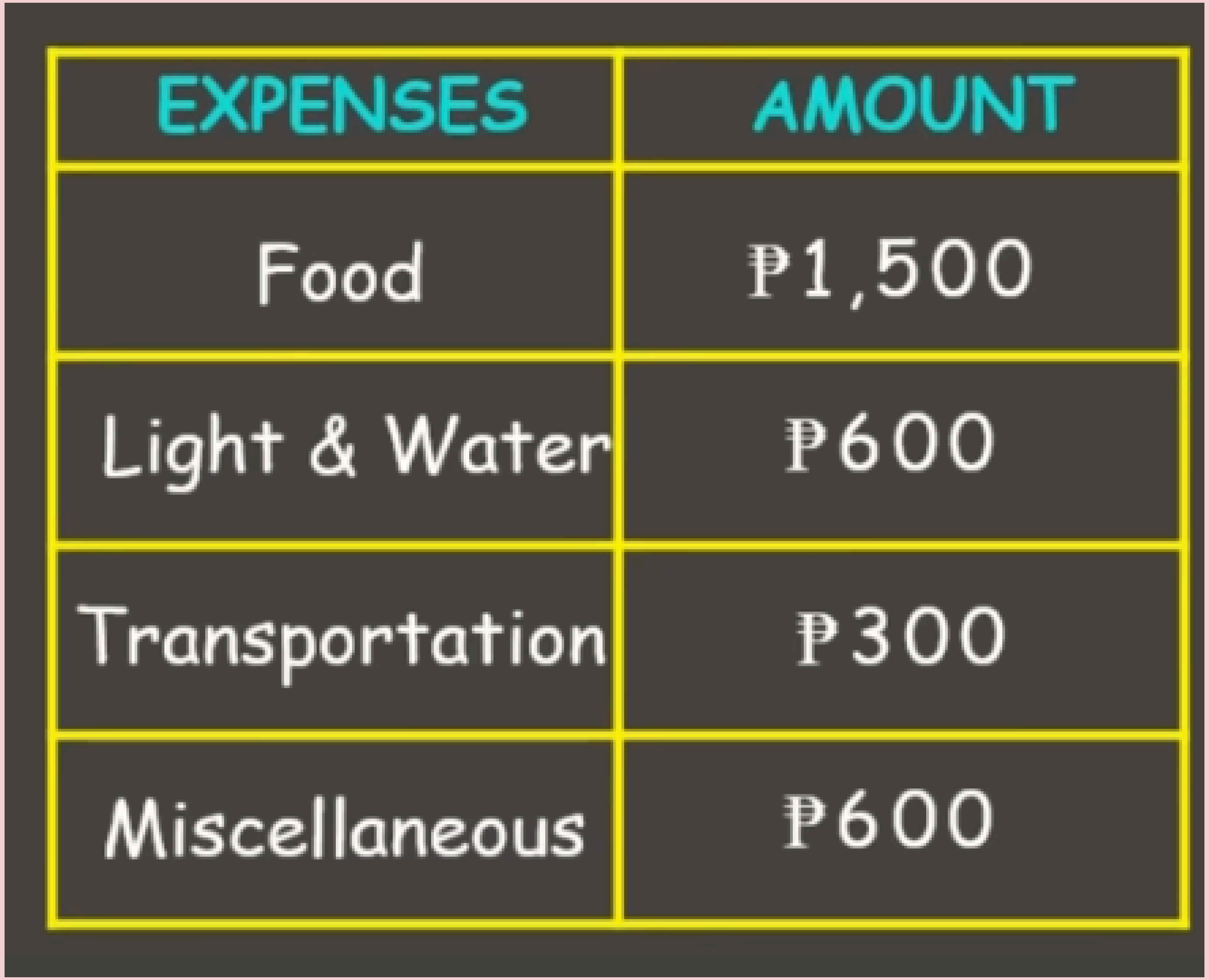
STEP 5; write the title.

ALMINE FAMILY HAS WEEKLY EXPENSES AS FOLLOWS;

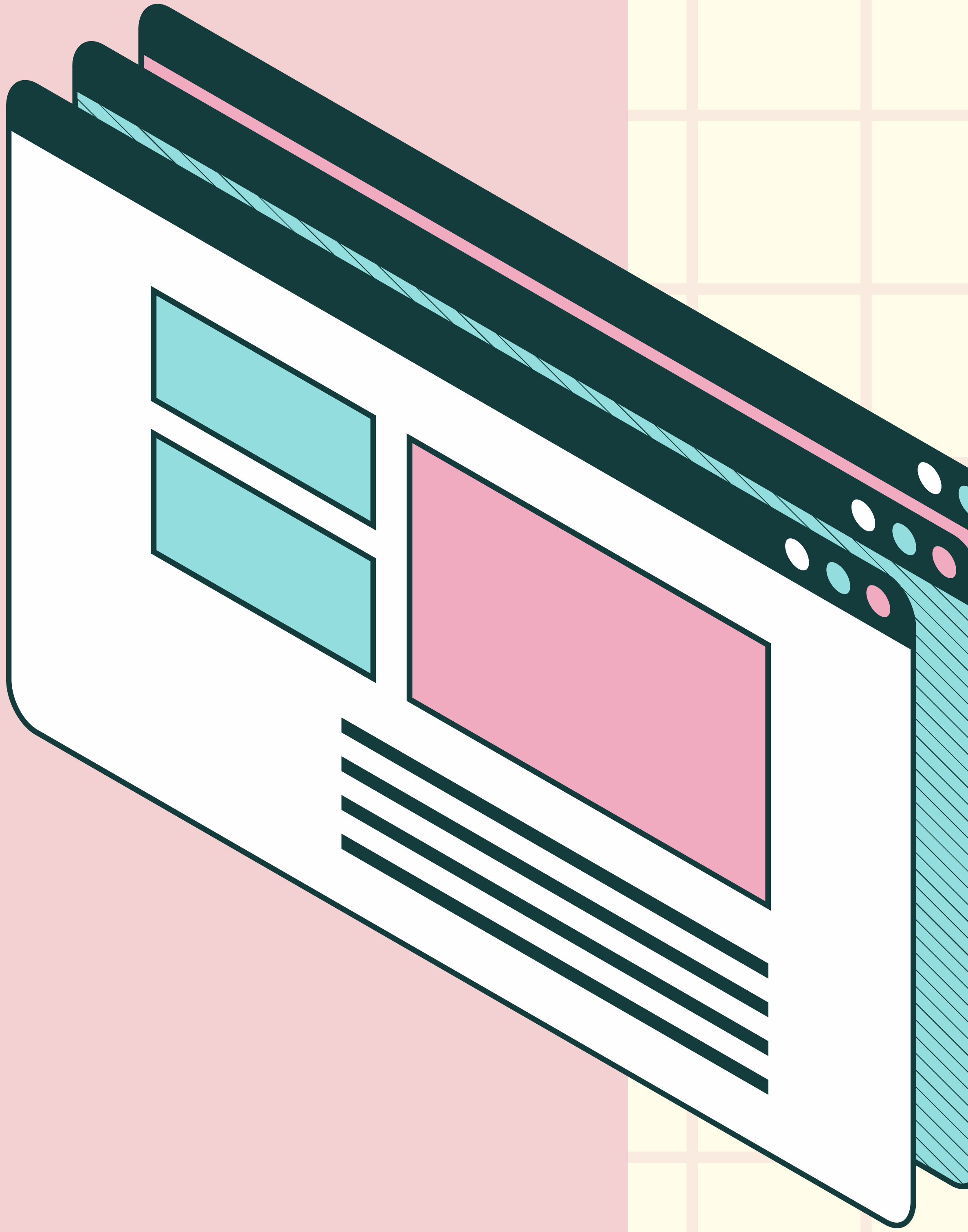


☑	FOOD	1,500
☑	LIGHT & WATER	600
☑	TRANSPORTATION	300
☑	MISCELLANEOUS	600

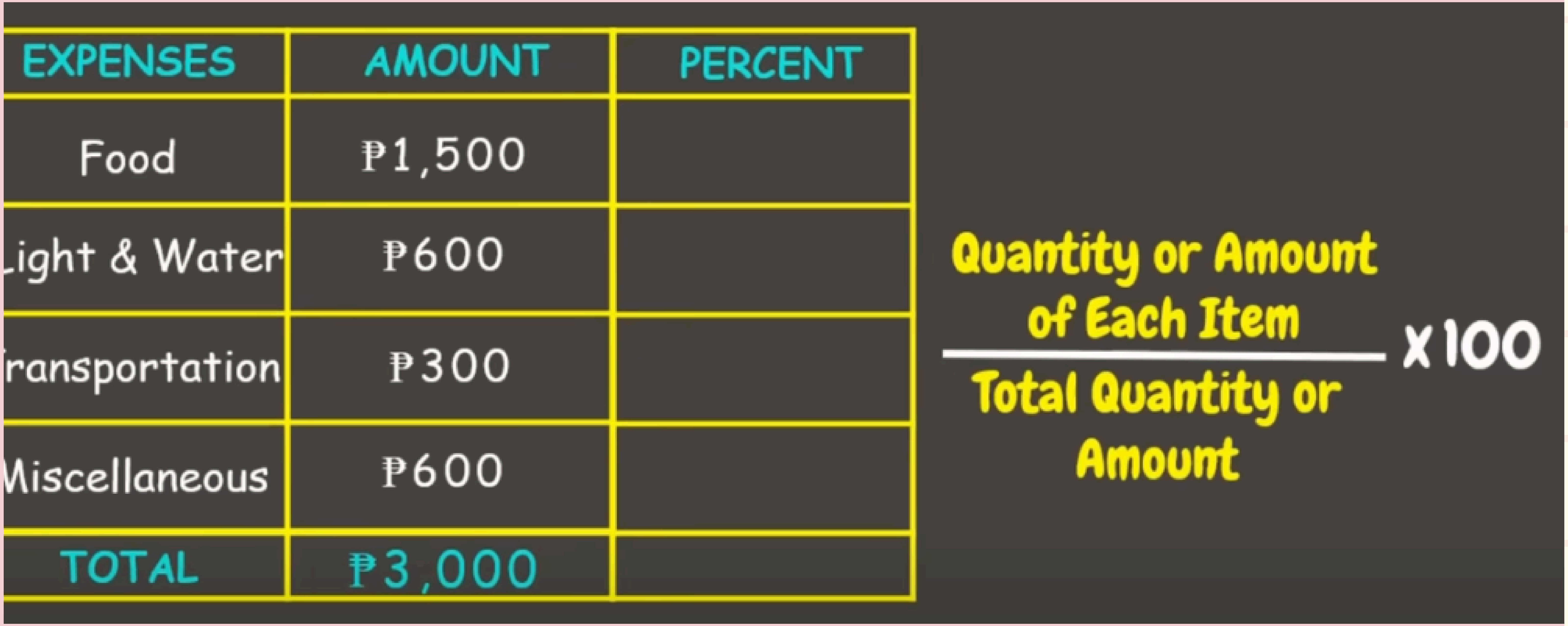
STEP 1; organied a data.



EXPENSES	AMOUNT
Food	₱1,500
Light & Water	₱600
Transportation	₱300
Miscellaneous	₱600



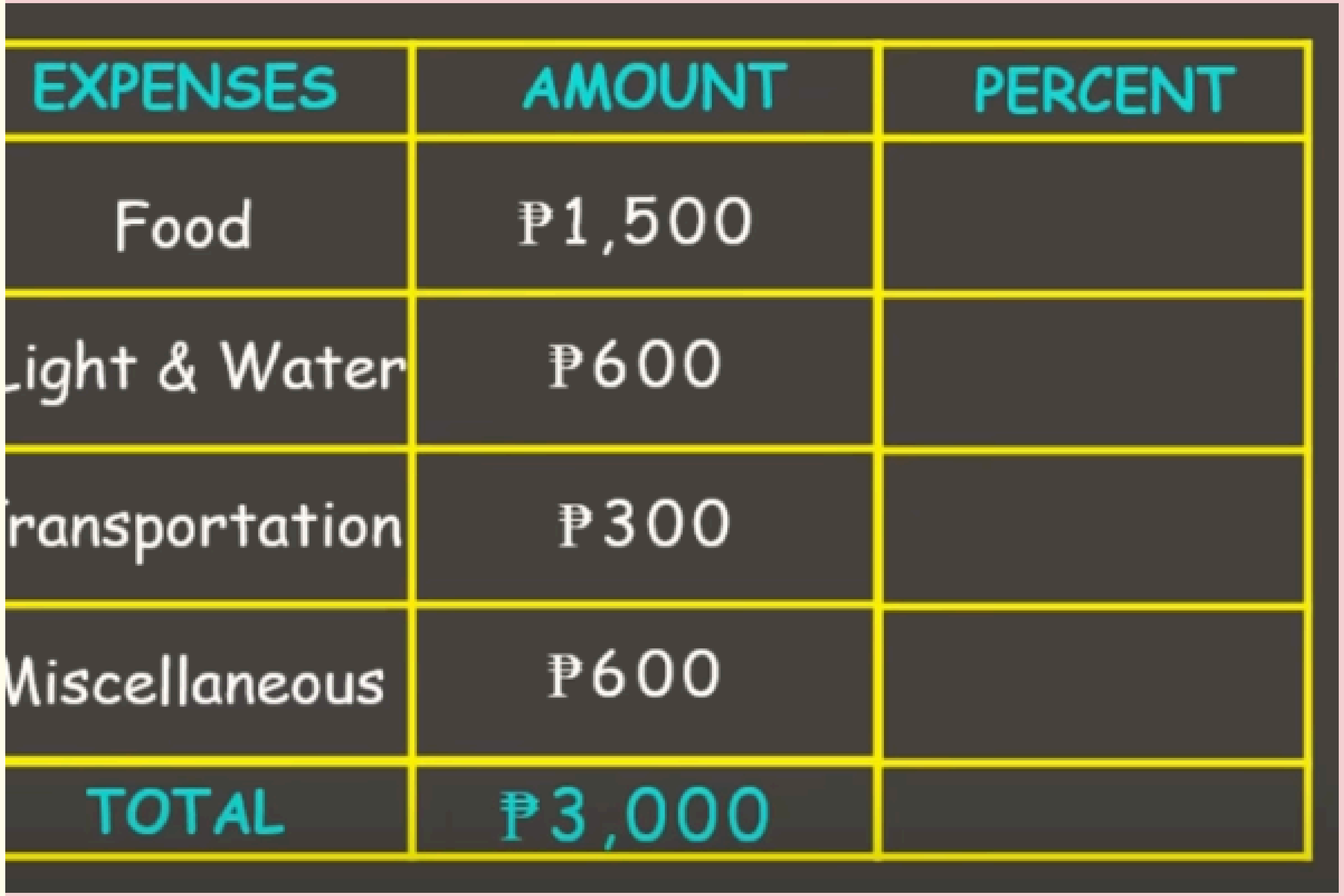
STEP 2: convert each amount into percent.



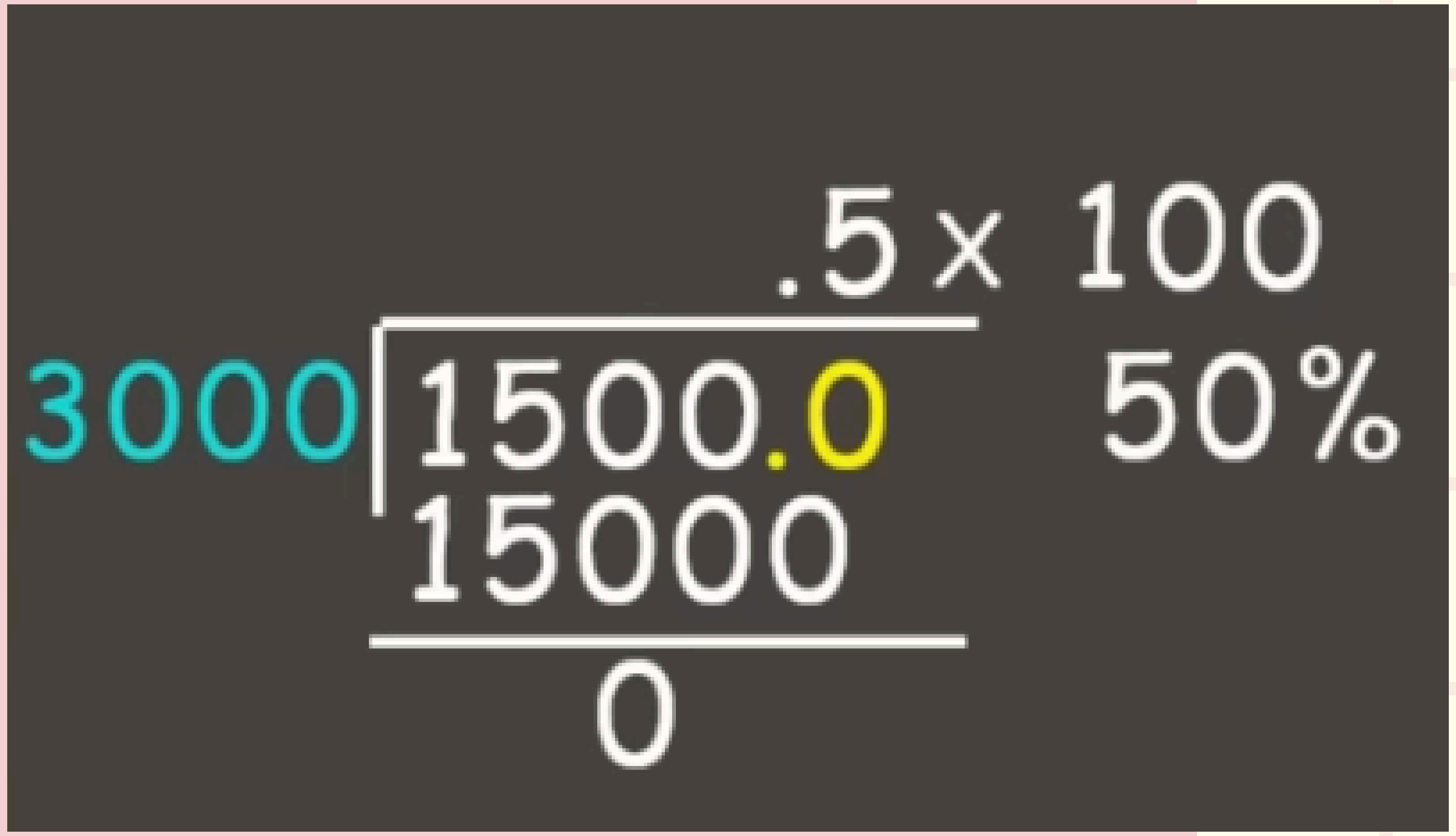
EXPENSES	AMOUNT	PERCENT
Food	₱1,500	
Light & Water	₱600	
Transportation	₱300	
Miscellaneous	₱600	
TOTAL	₱3,000	

$$\frac{\text{Quantity or Amount of Each Item}}{\text{Total Quantity or Amount}} \times 100$$

STEP 2: convert each amount into percent.

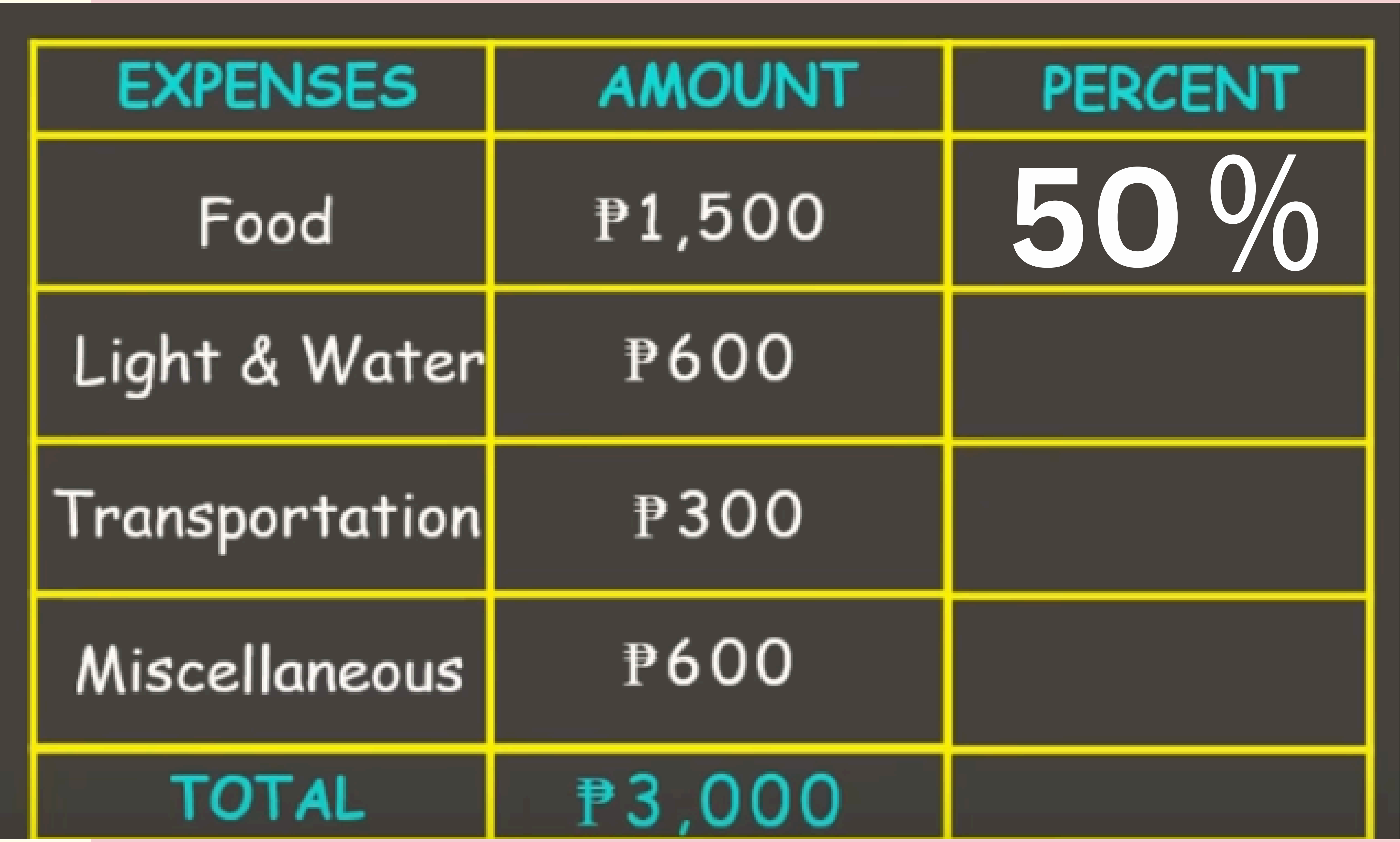


EXPENSES	AMOUNT	PERCENT
Food	₱1,500	
Light & Water	₱600	
Transportation	₱300	
Miscellaneous	₱600	
TOTAL	₱3,000	

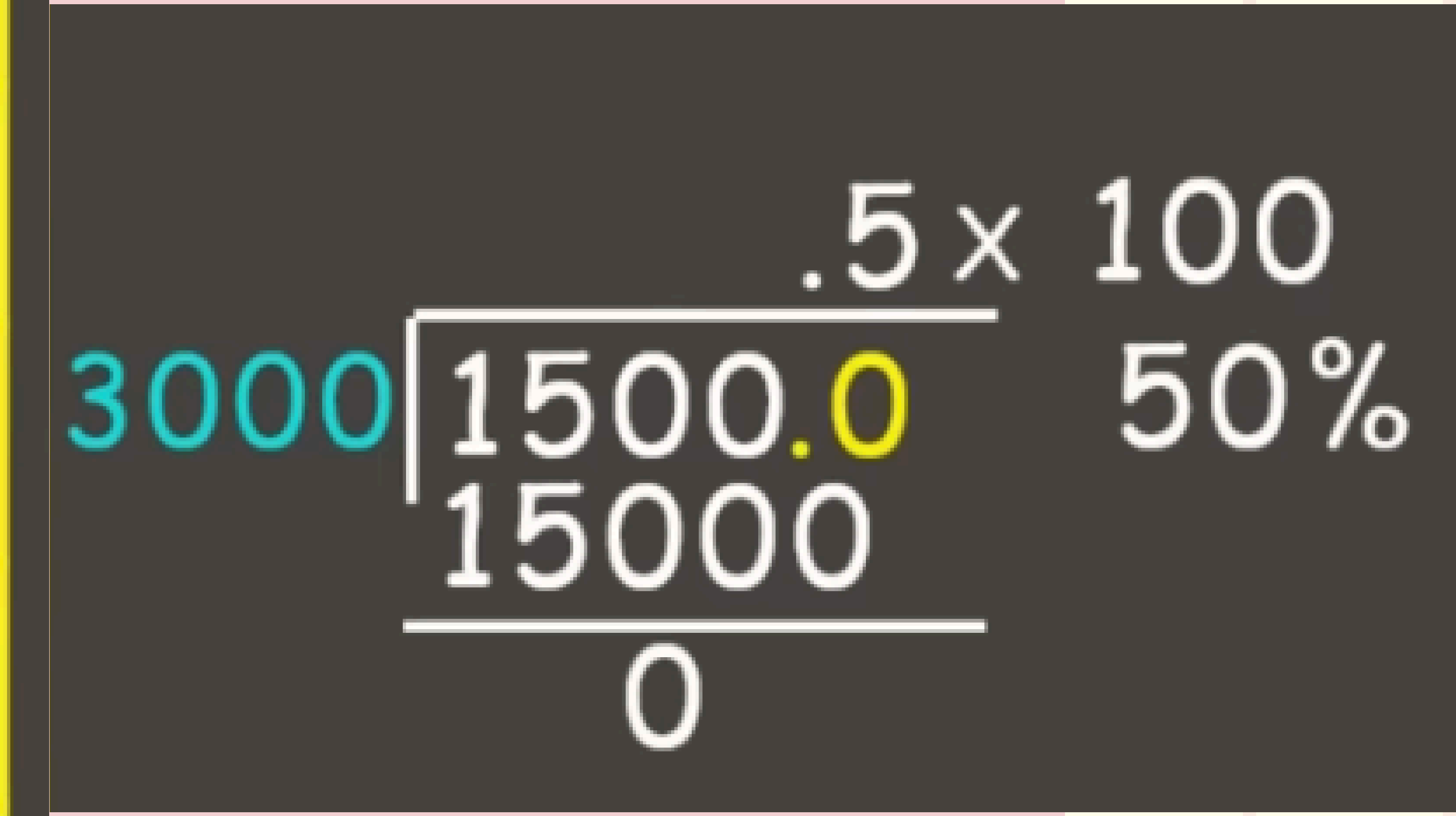


.5 × 100
3000) 1500.0   50%
15000
0

STEP 2; convert each amount into percent.

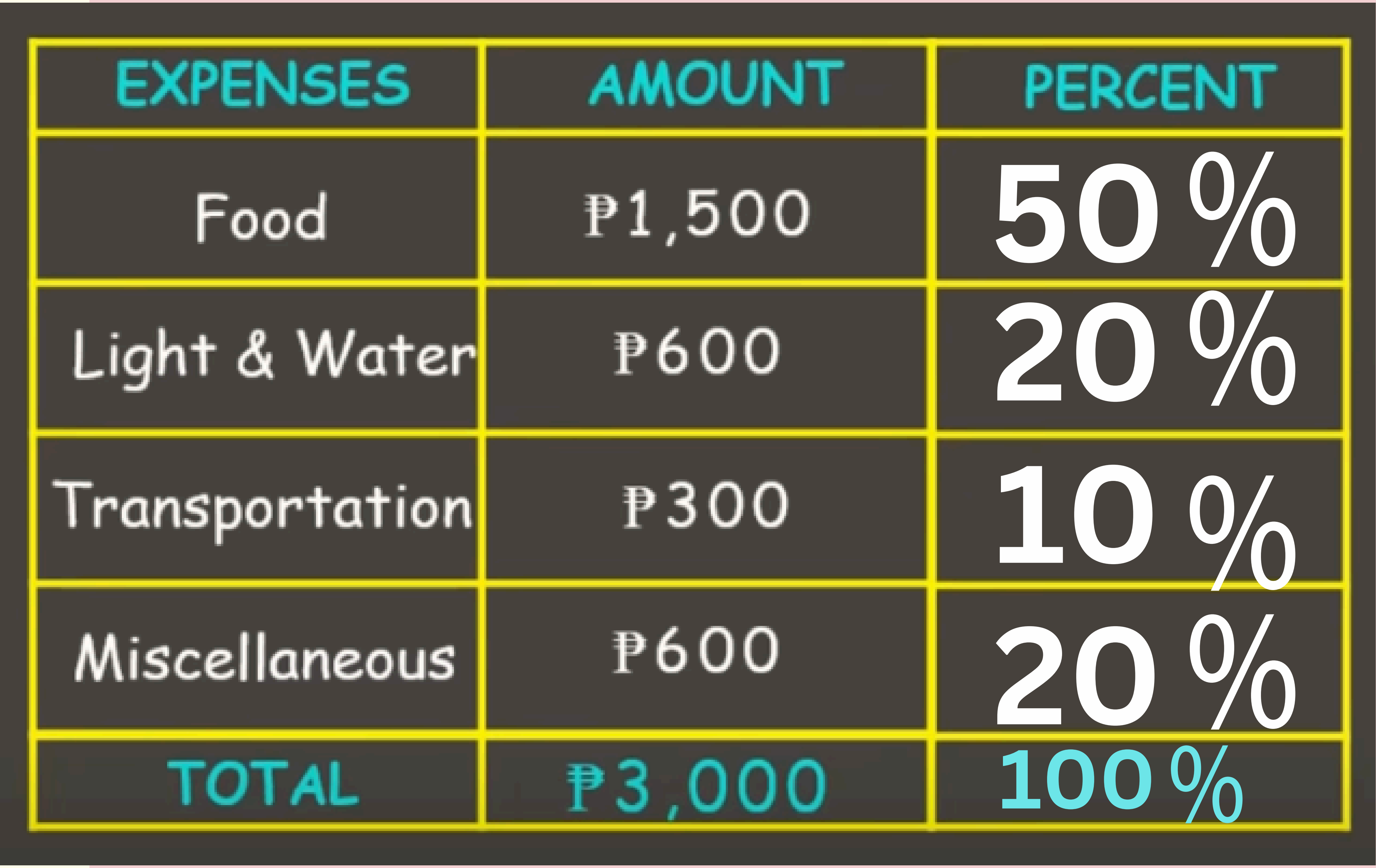


EXPENSES	AMOUNT	PERCENT
Food	₱1,500	50 %
Light & Water	₱600	
Transportation	₱300	
Miscellaneous	₱600	
TOTAL	₱3,000	

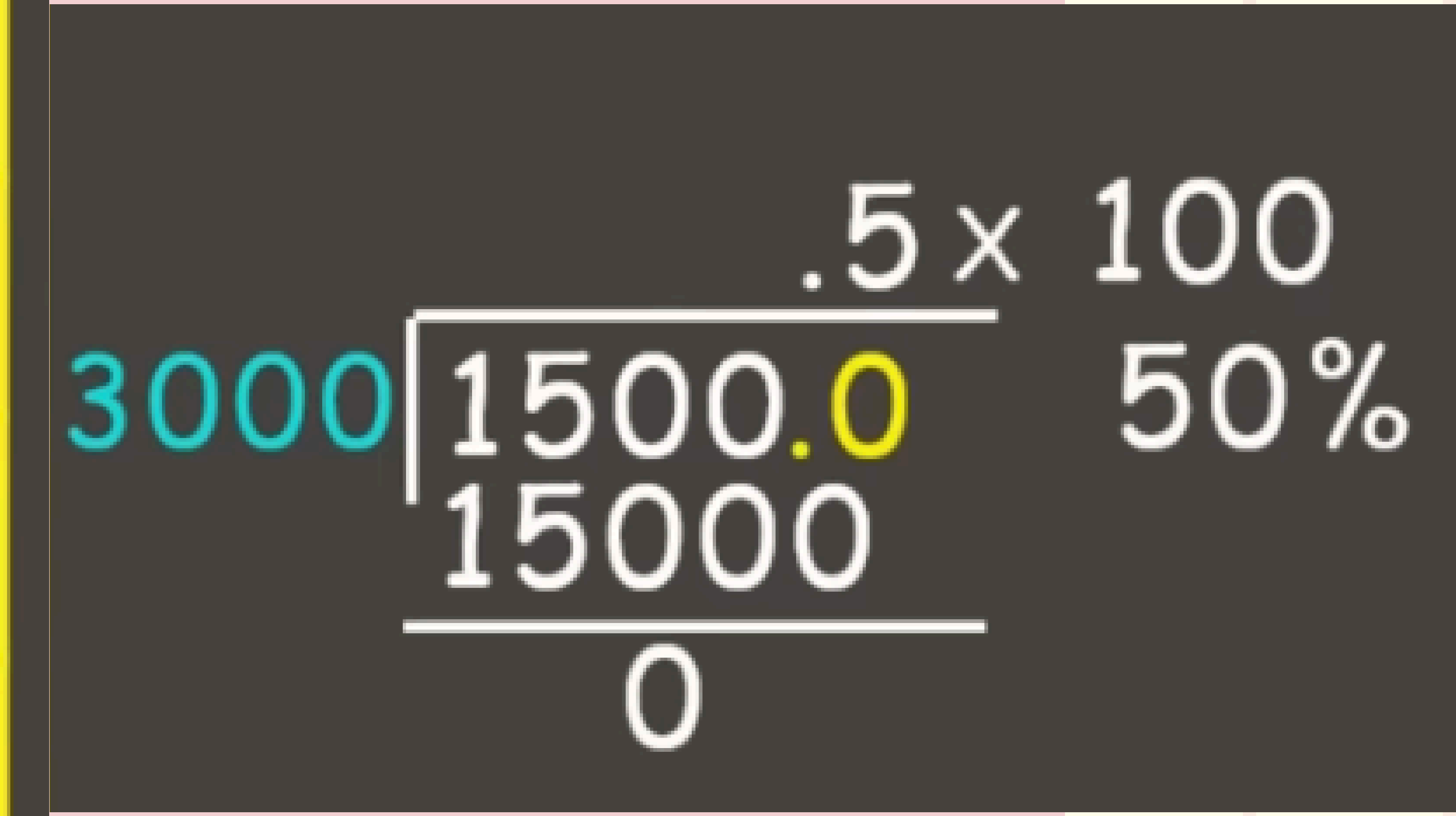


$$
\begin{array}{r@{\,}l}
 & .5 \times 100 \\
3000 & \big)\overline{1500.0} \\
 & \underline{15000} \\
 & 0
\end{array}
\qquad 50\%
$$

STEP 2; convert each amount into percent.



EXPENSES	AMOUNT	PERCENT
Food	₱1,500	50 %
Light & Water	₱600	20 %
Transportation	₱300	10 %
Miscellaneous	₱600	20 %
TOTAL	₱3,000	100 %



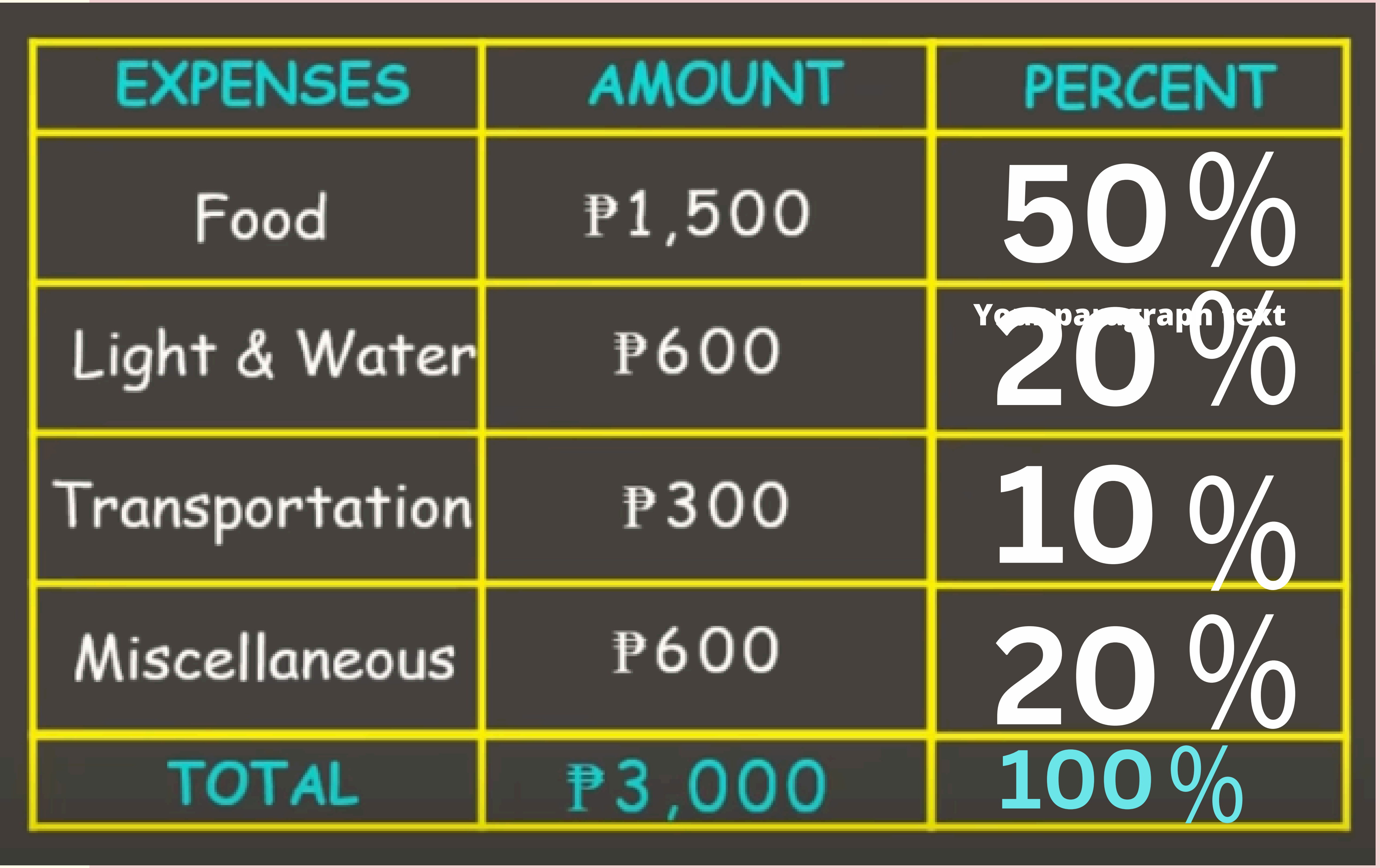
.5 × 100

3000) 1500.0 50%

15000

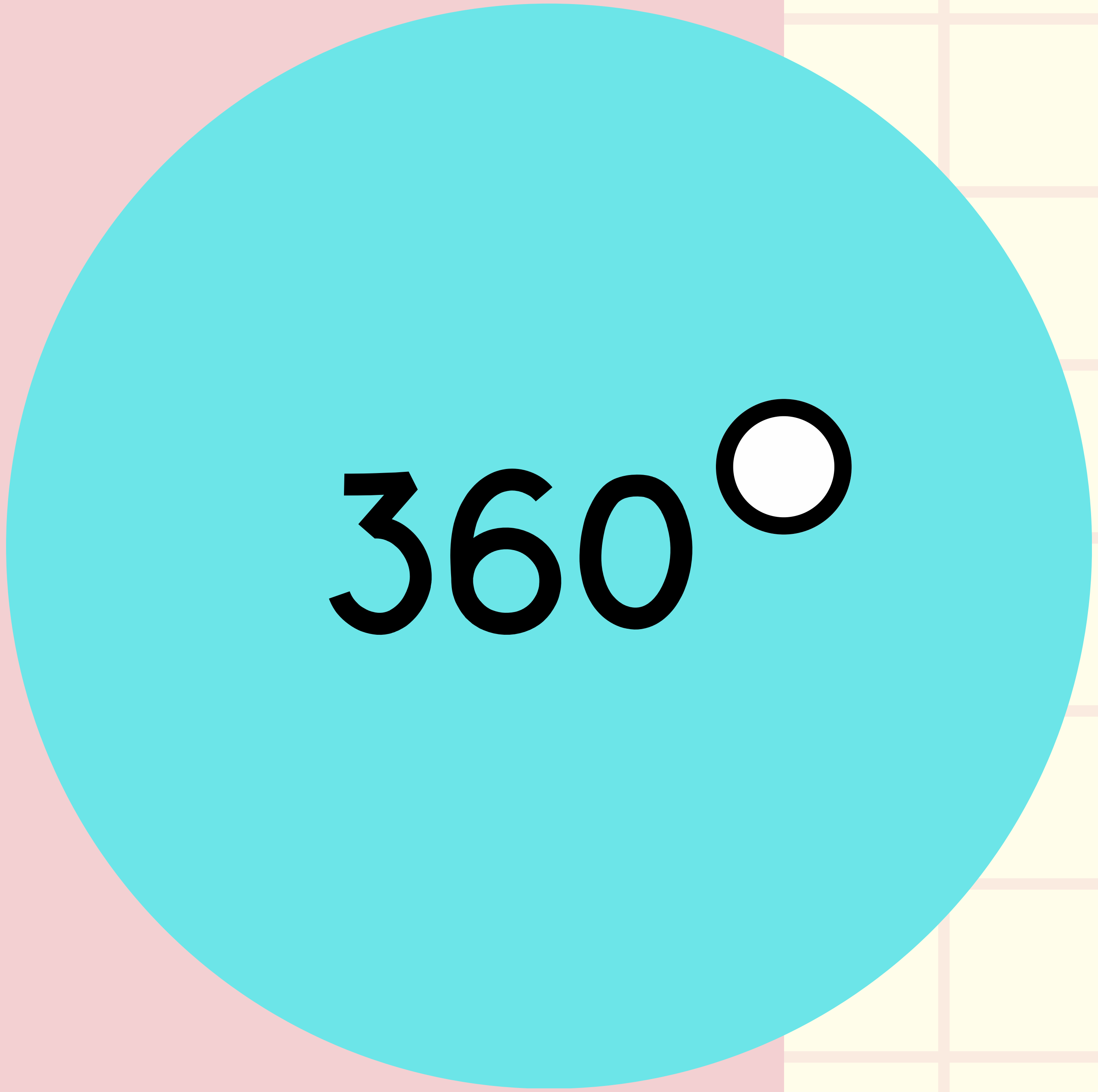
0

STEP 4; CONSTRUCT THE PIE GRAPH.

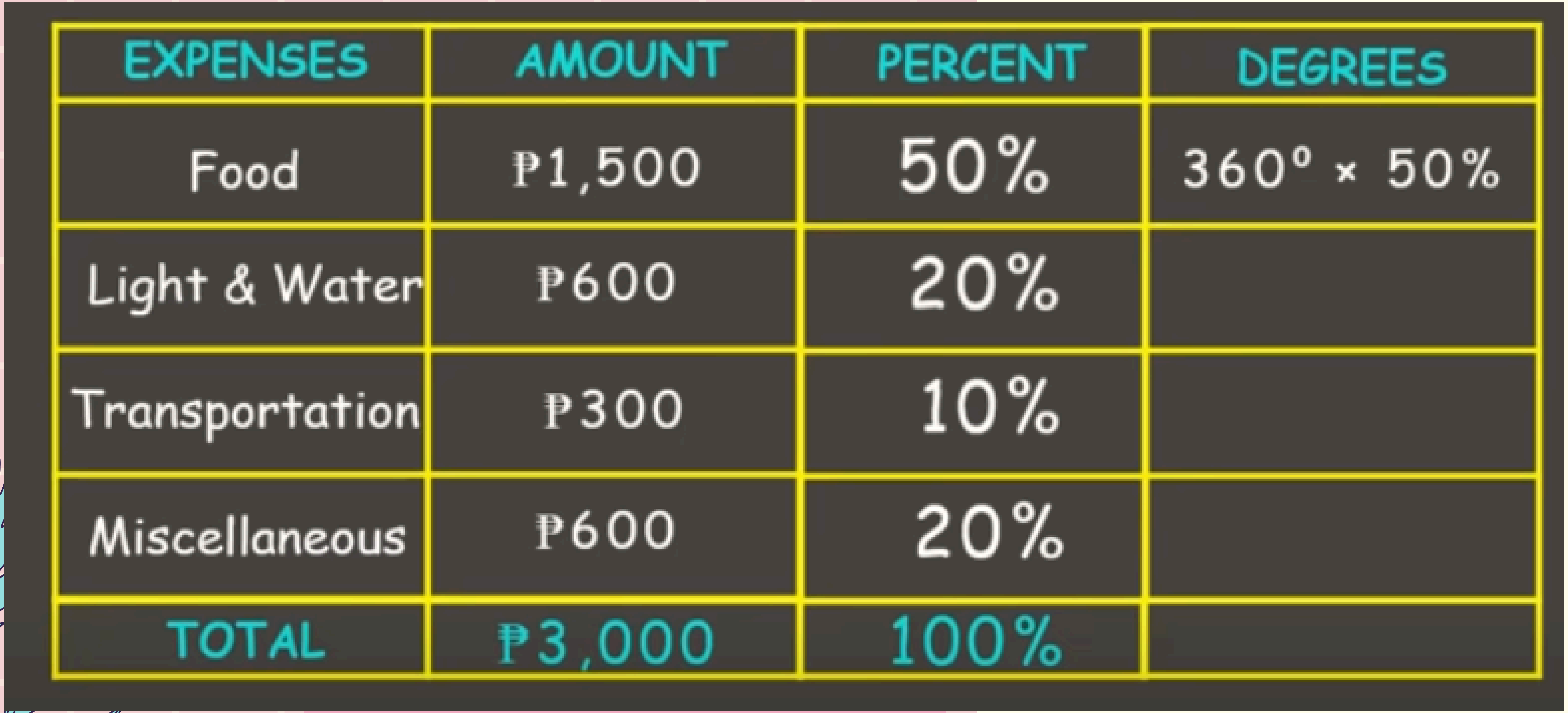


EXPENSES	AMOUNT	PERCENT
Food	₱1,500	50%
Light & Water	₱600	20%
Transportation	₱300	10%
Miscellaneous	₱600	20%
TOTAL	₱3,000	100%

Your paragraph text

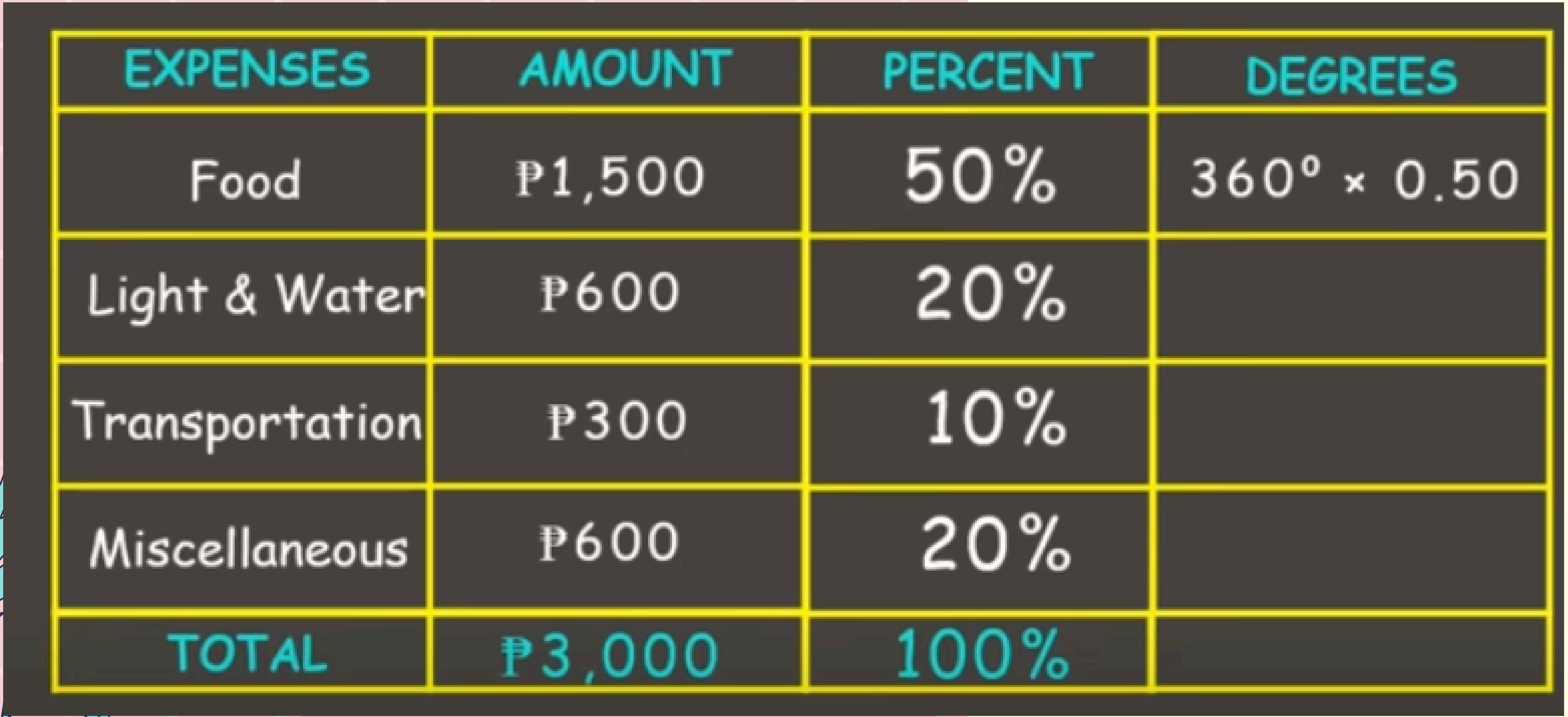


STEP 4: CONSTRUCT THE PIE GRAPH



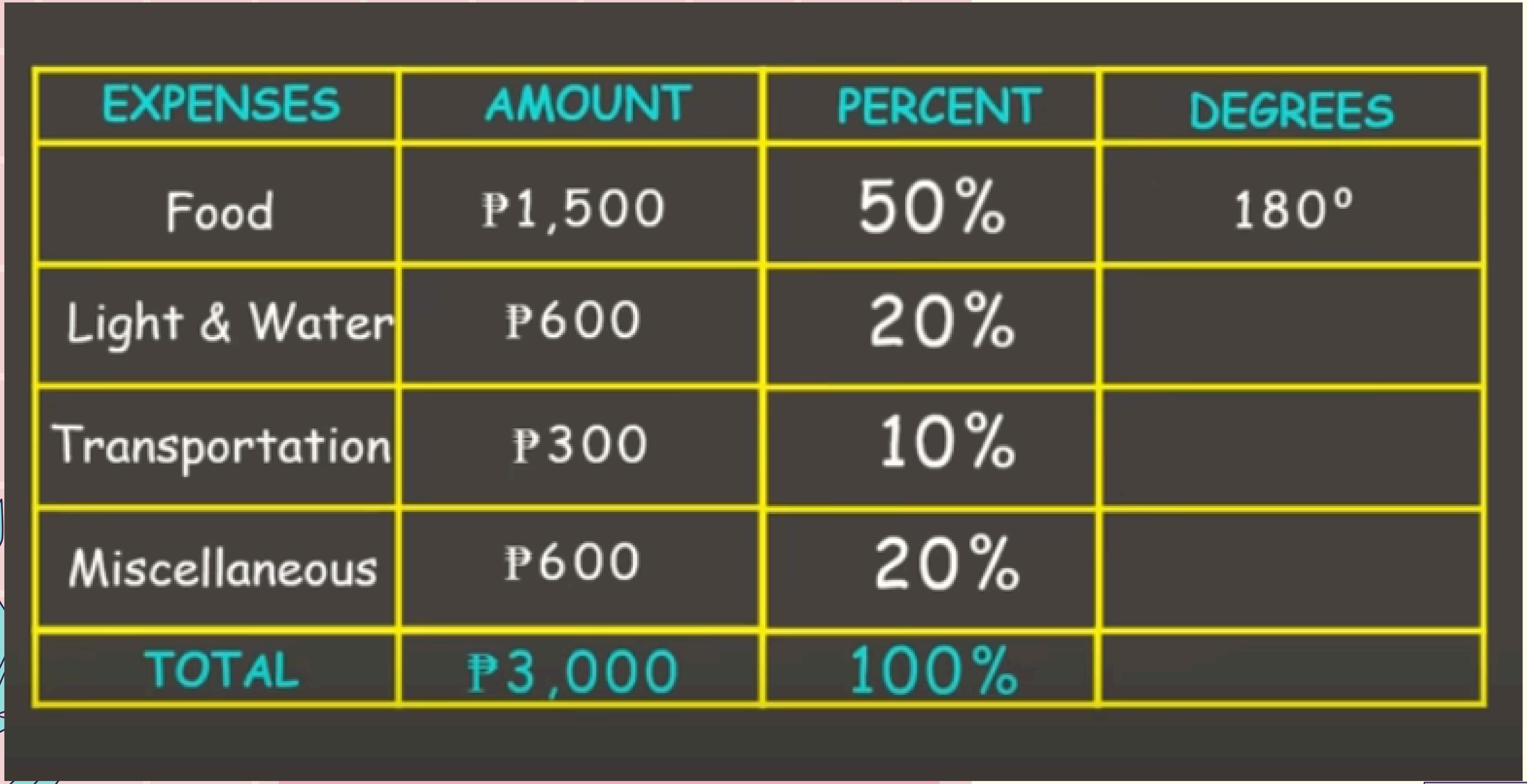
EXPENSES	AMOUNT	PERCENT	DEGREES
Food	₱1,500	50%	360° × 50%
Light & Water	₱600	20%	
Transportation	₱300	10%	
Miscellaneous	₱600	20%	
TOTAL	₱3,000	100%	

STEP 4: CONSTRUCT THE PIE GRAPH



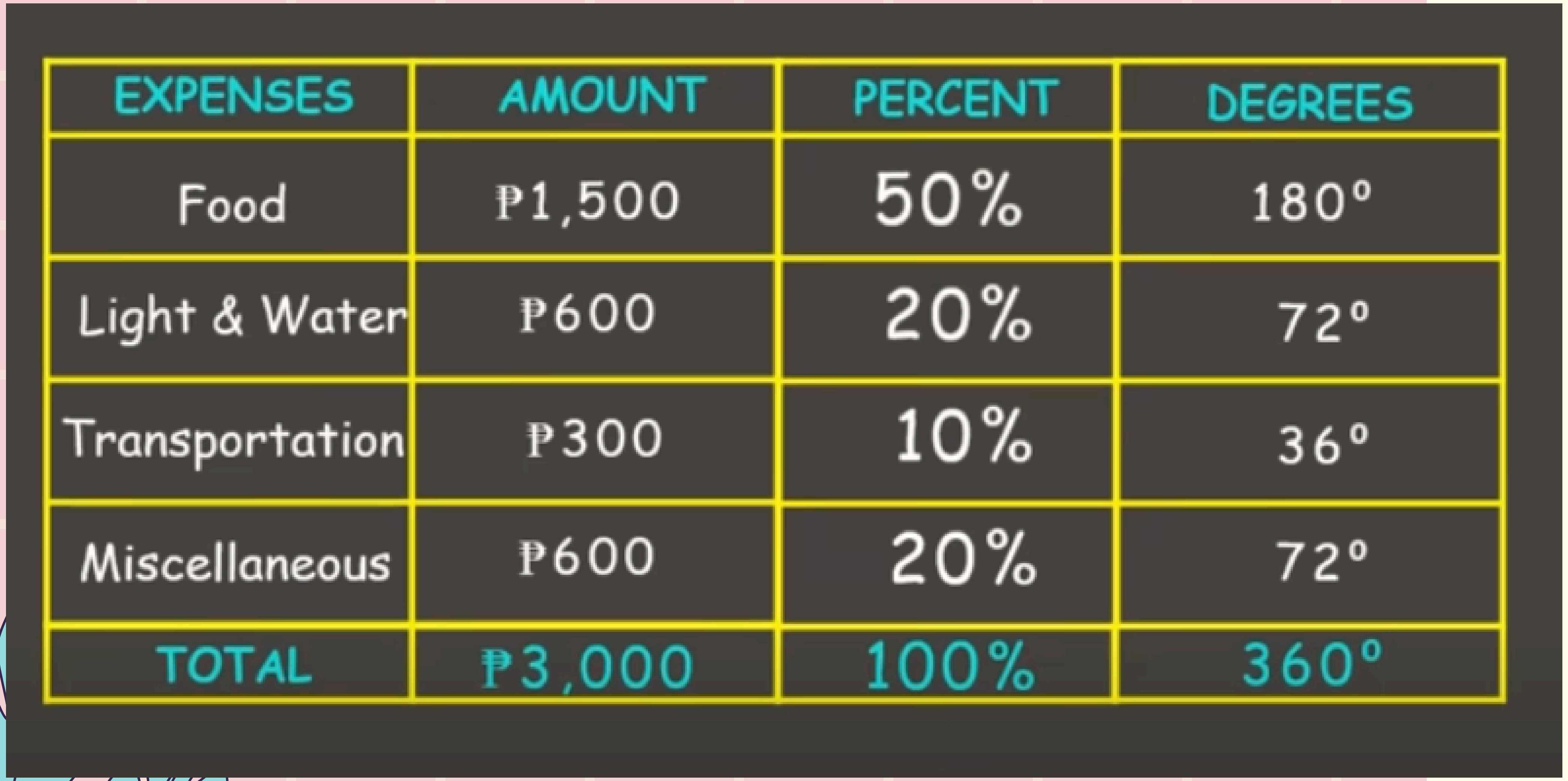
EXPENSES	AMOUNT	PERCENT	DEGREES
Food	₱1,500	50%	360° × 0.50
Light & Water	₱600	20%	
Transportation	₱300	10%	
Miscellaneous	₱600	20%	
TOTAL	₱3,000	100%	

STEP 4: CONSTRUCT THE PIE GRAPH

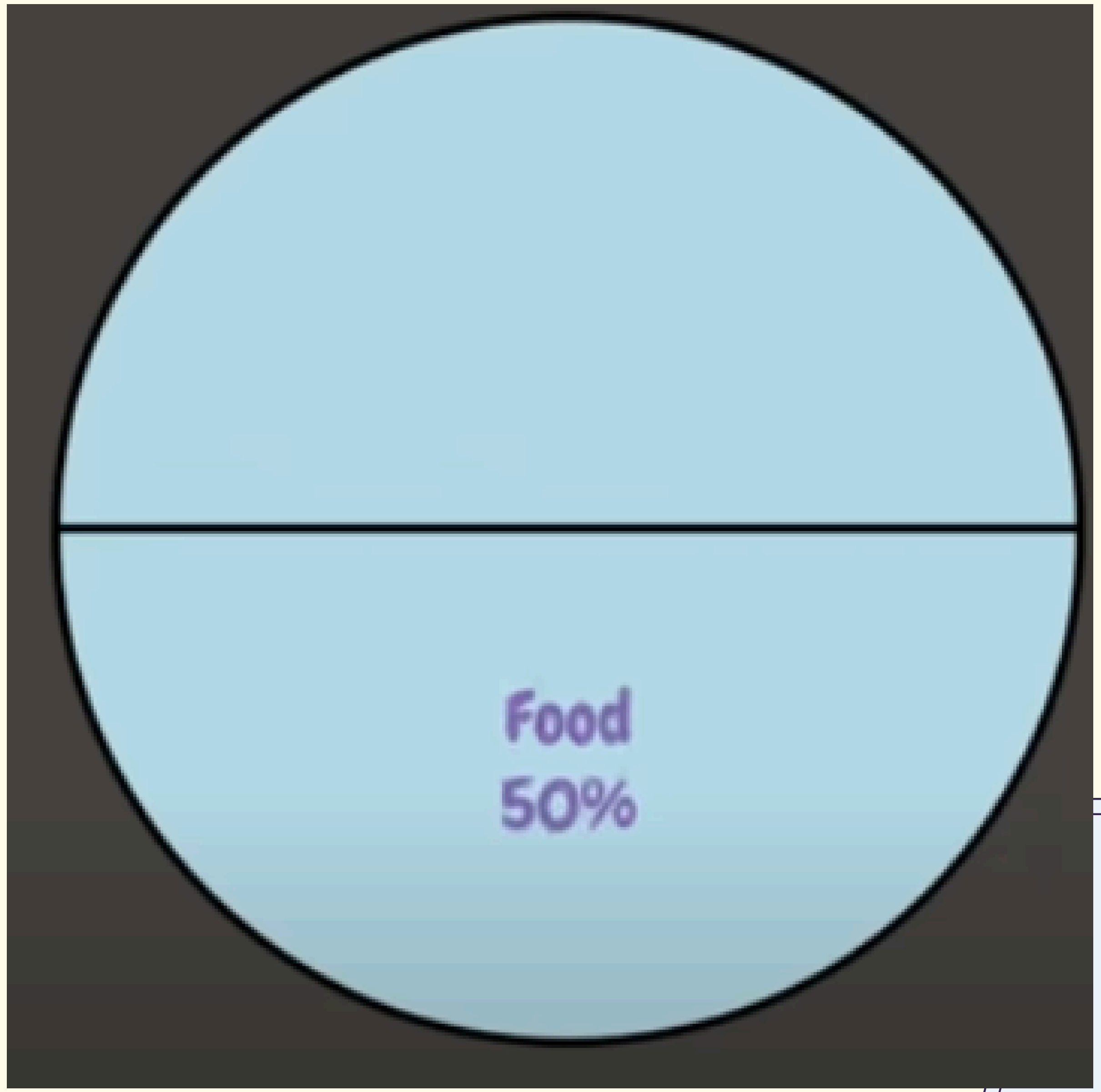


EXPENSES	AMOUNT	PERCENT	DEGREES
Food	₱1,500	50%	180°
Light & Water	₱600	20%	
Transportation	₱300	10%	
Miscellaneous	₱600	20%	
TOTAL	₱3,000	100%	

STEP 4: CONSTRUCT THE PIE GRAPH

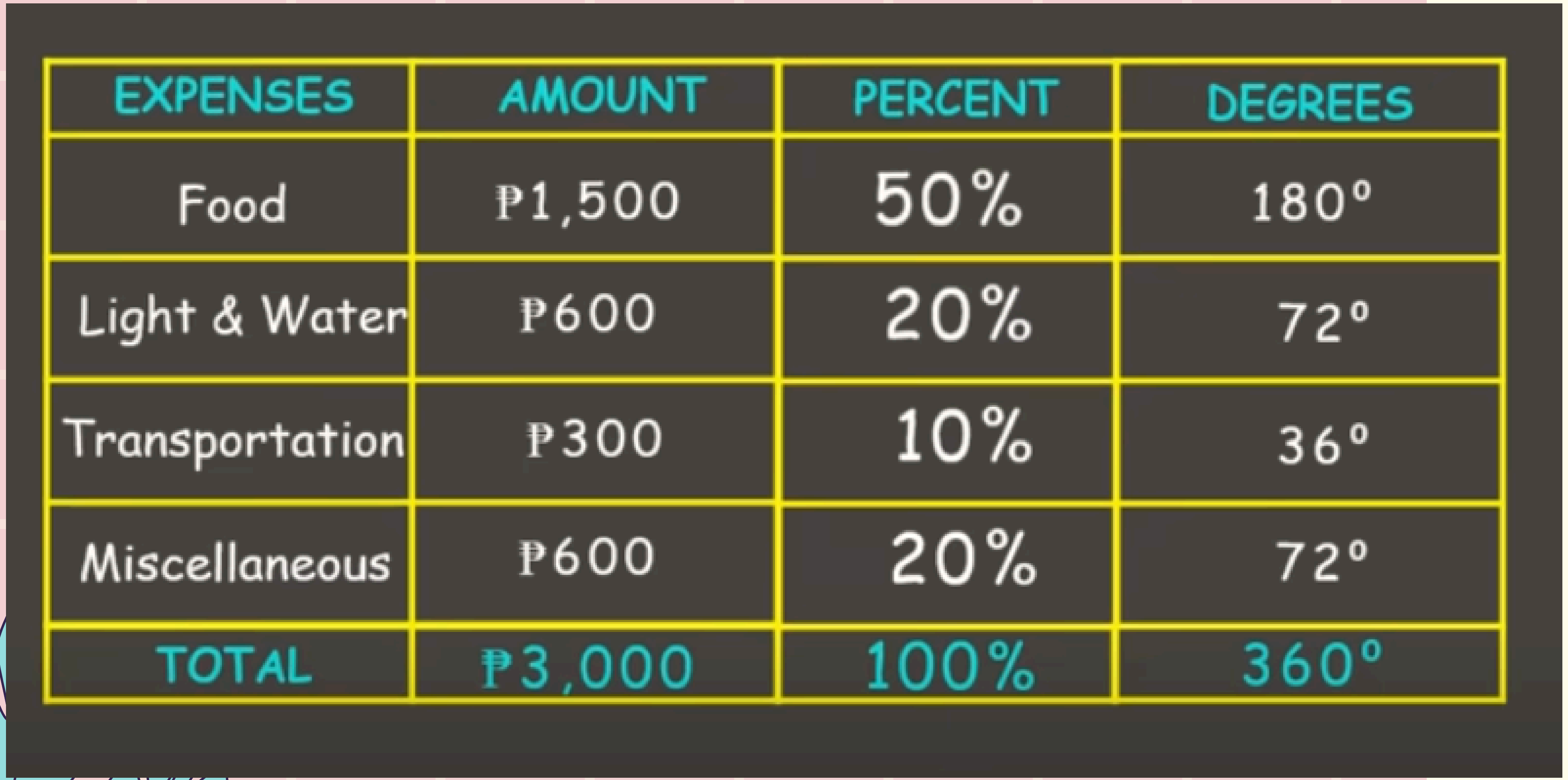


EXPENSES	AMOUNT	PERCENT	DEGREES
Food	₱1,500	50%	180°
Light & Water	₱600	20%	72°
Transportation	₱300	10%	36°
Miscellaneous	₱600	20%	72°
TOTAL	₱3,000	100%	360°



REM. use protactor or compass.

STEP 4; CONSTRUCT THE PIE GRAPH



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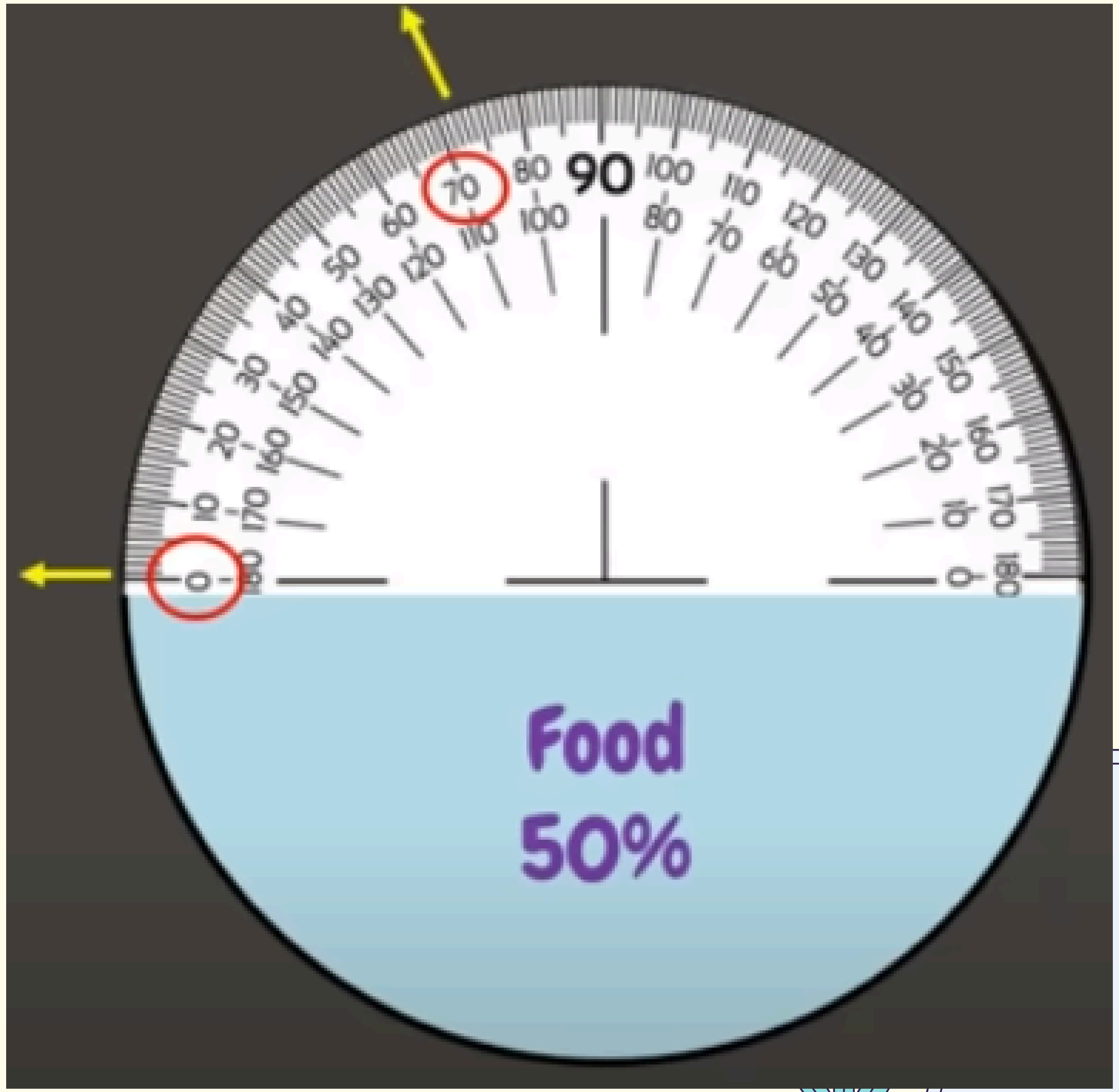

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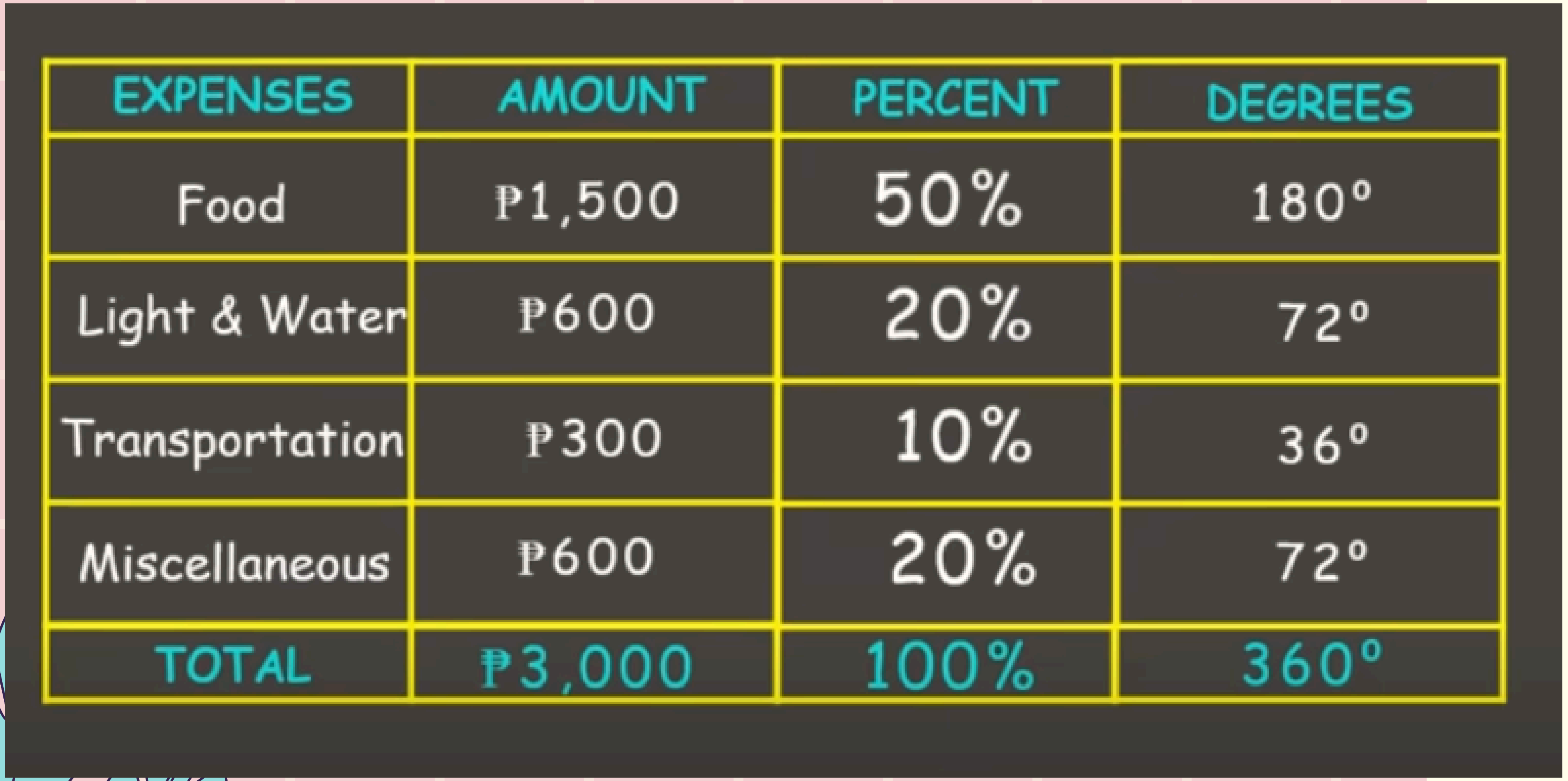

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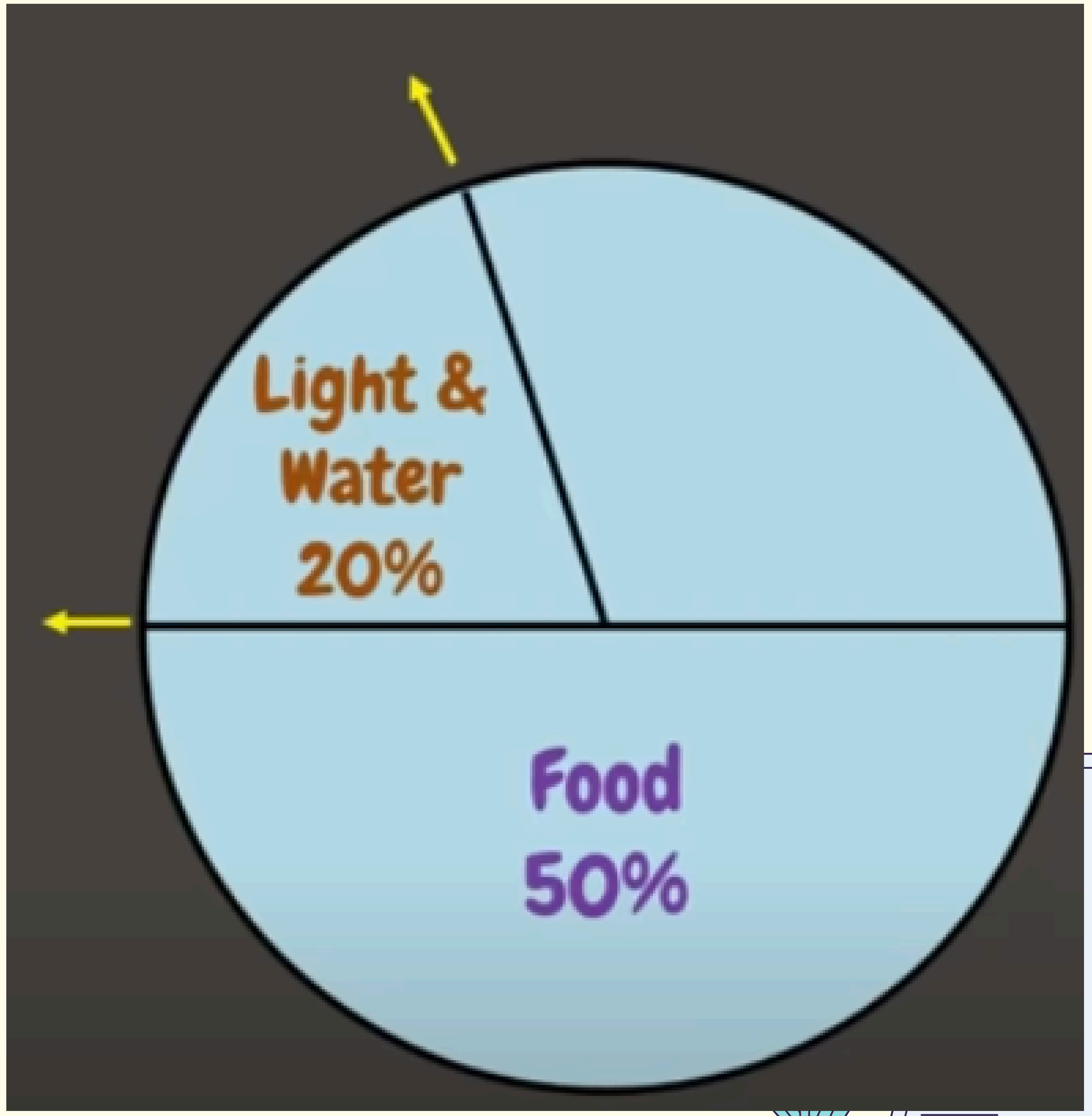

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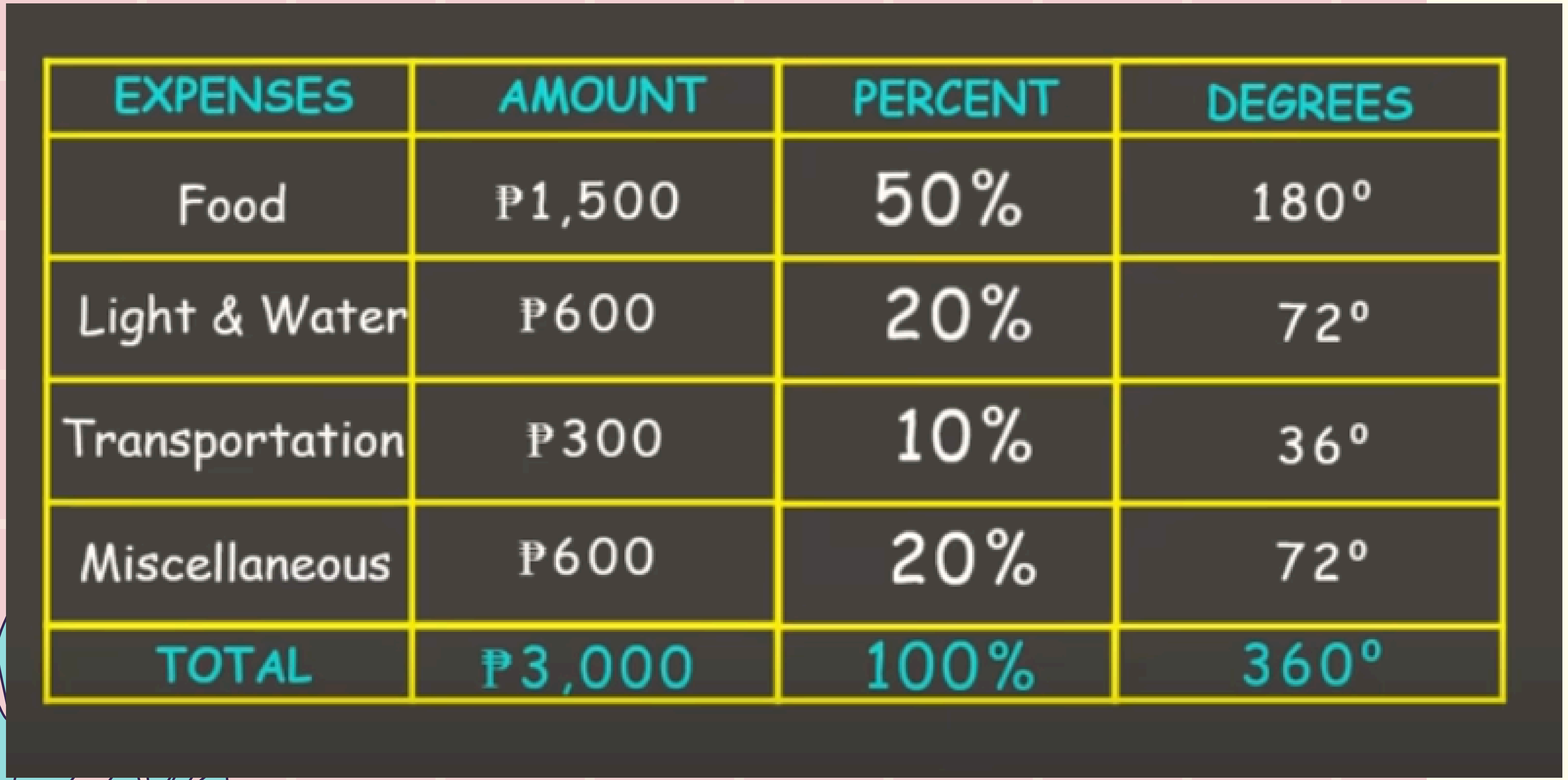

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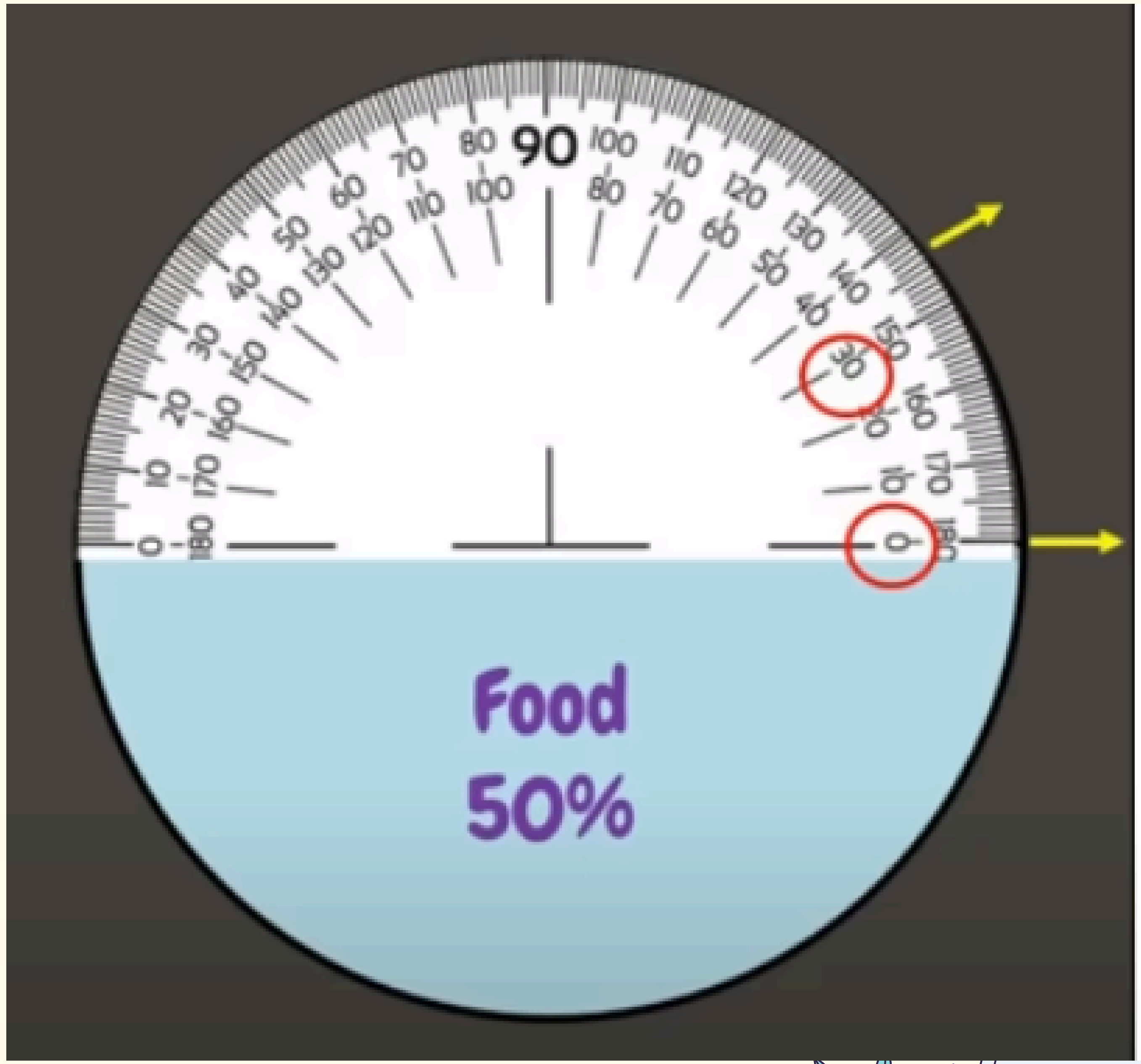

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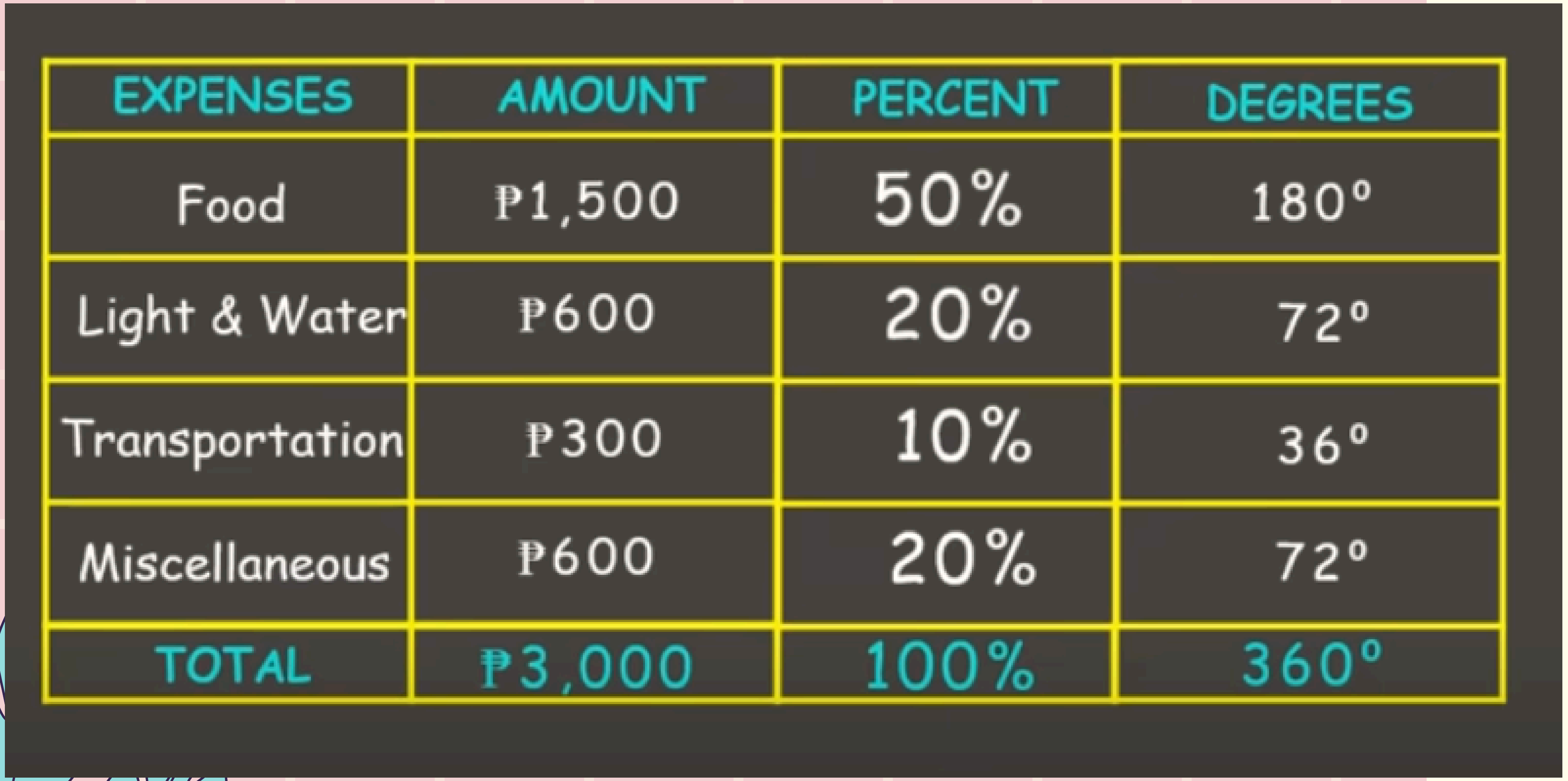

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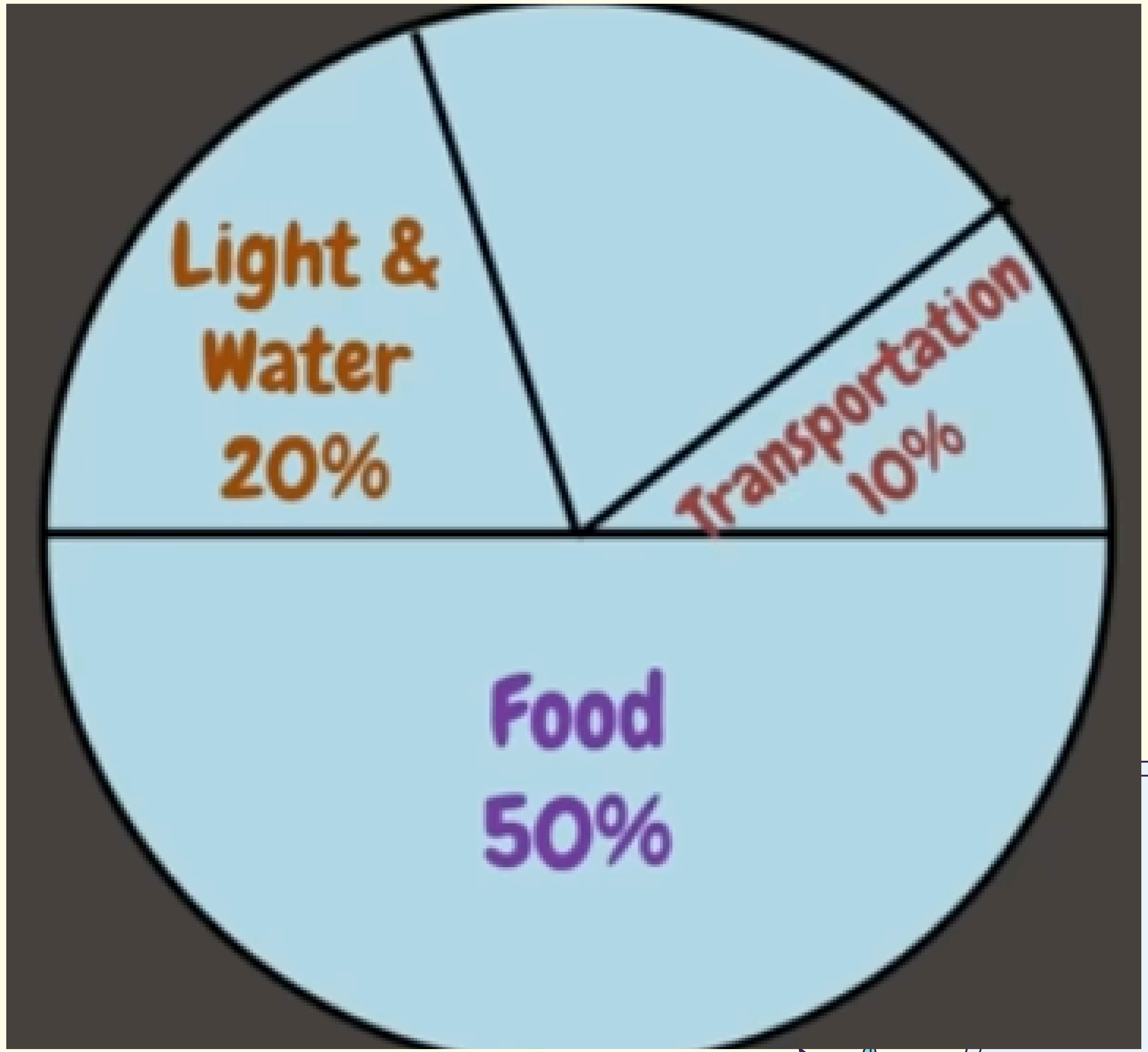

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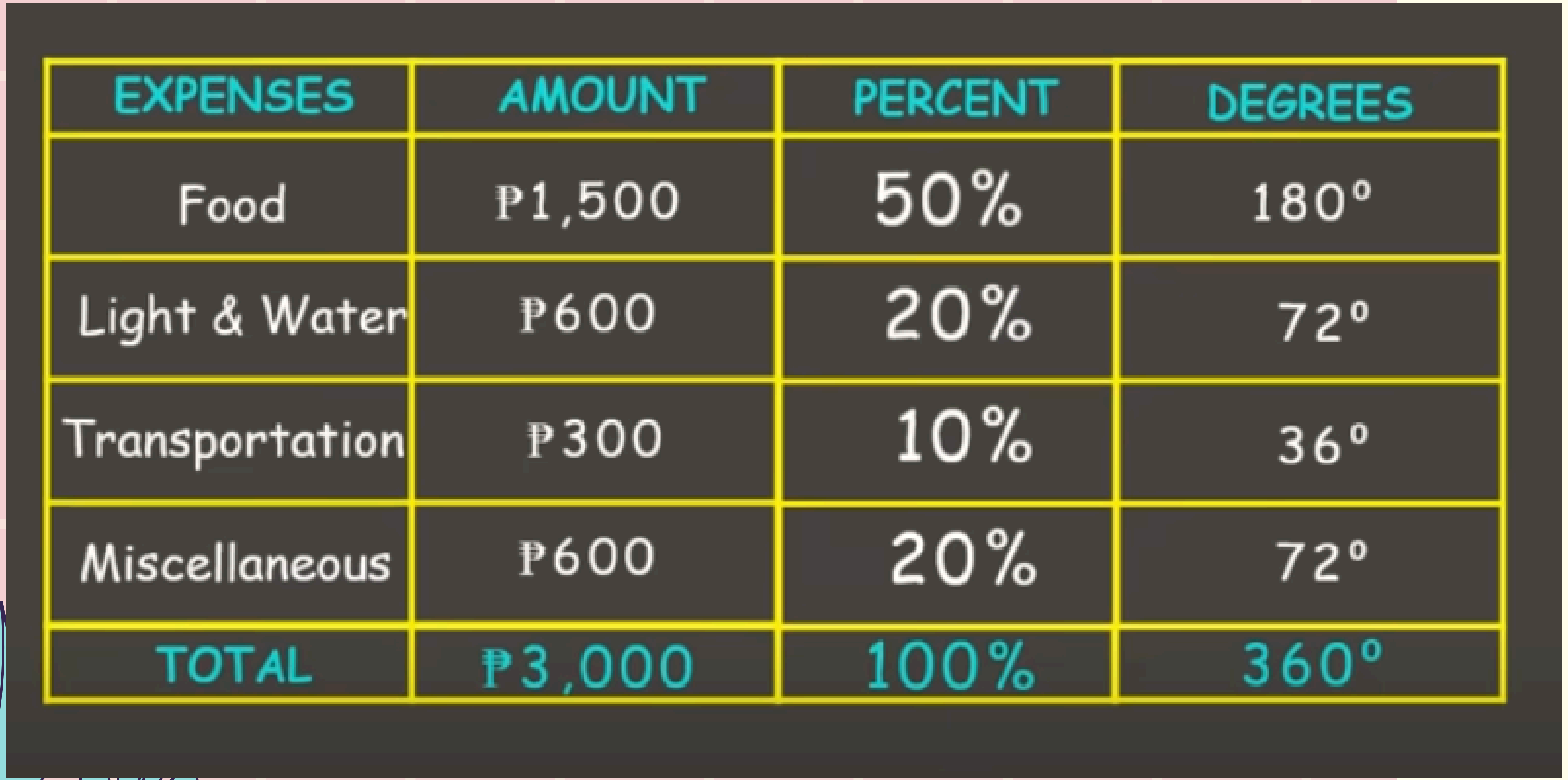

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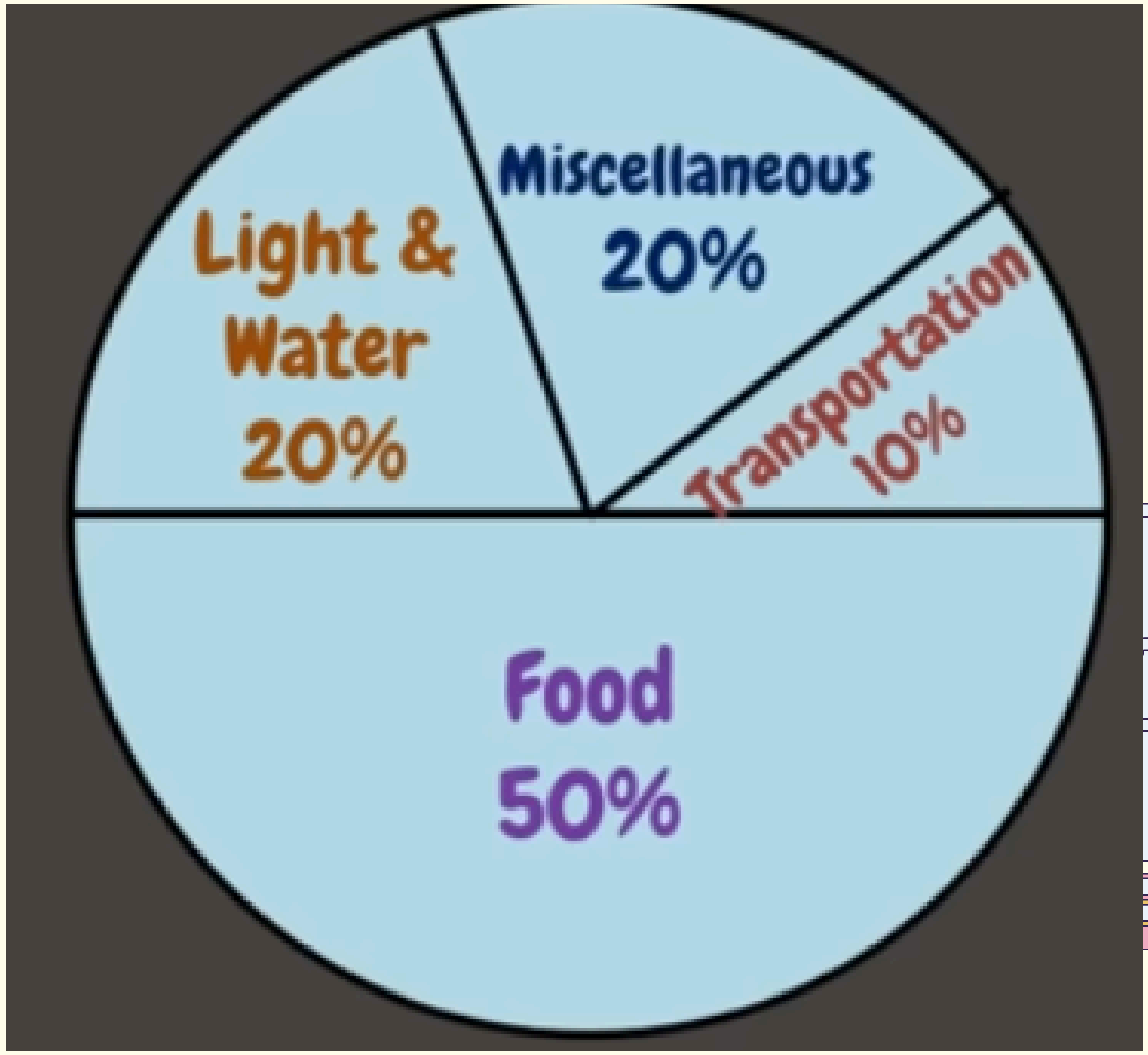
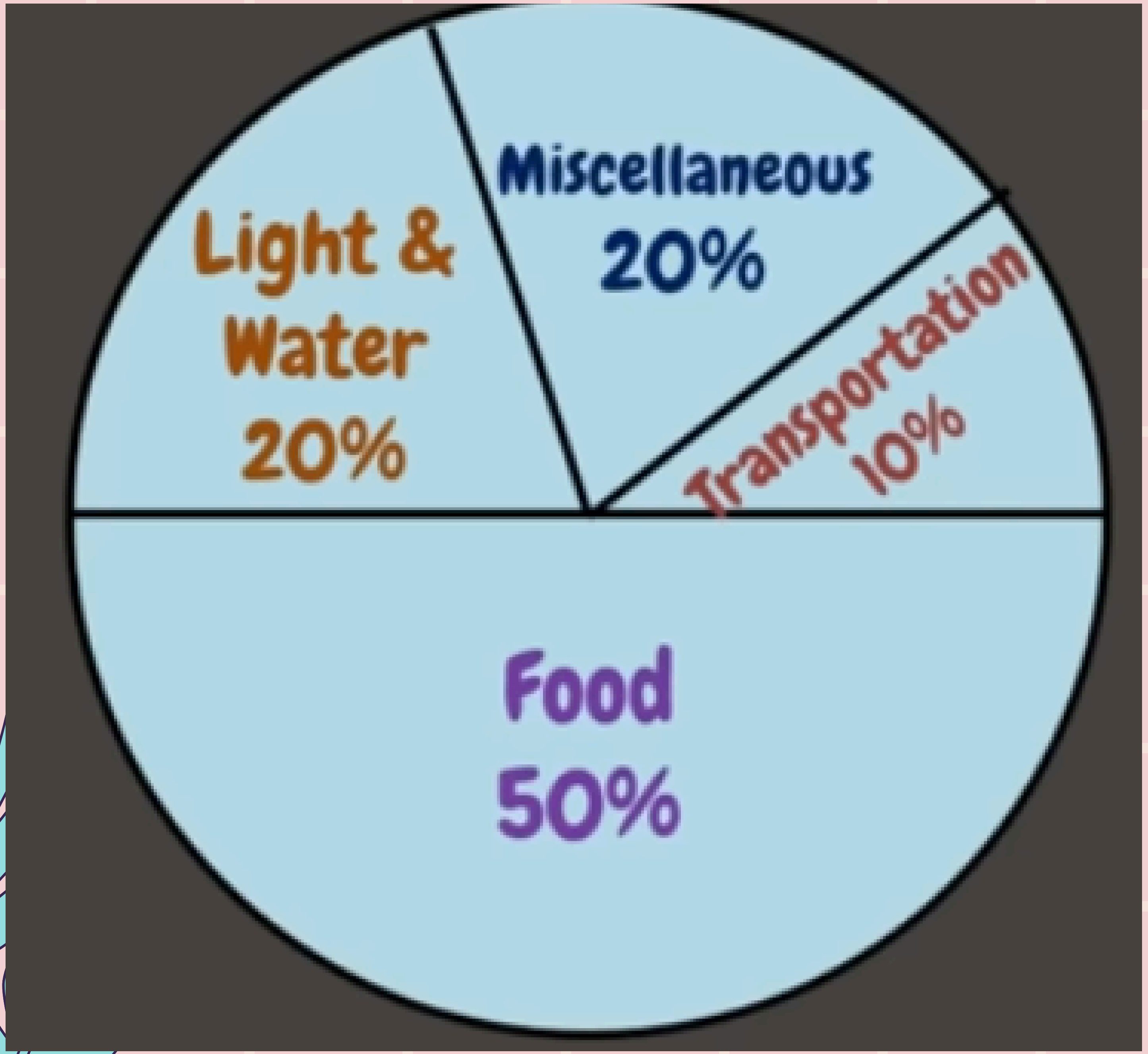
ALMINE'S FAMILY WEEKLY EXPENSES.



STEP 5; writte the TITLE.

ALMINE'S FAMILY WEEKLY EXPENSES.



TOTAL WEEKLY EXPENSES:

3,000PESOS

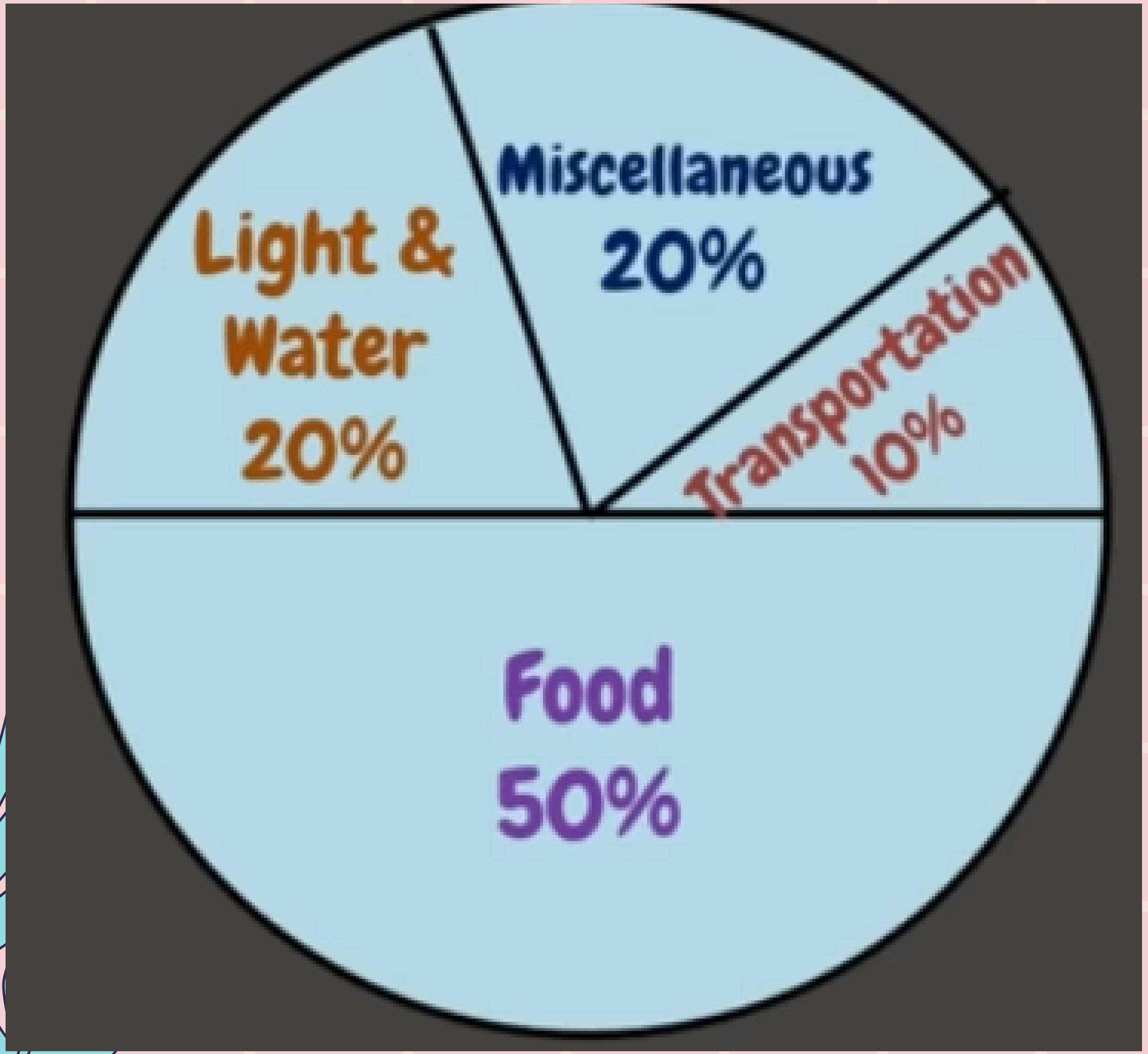
1.WHICH ITEM HAS THE BIGGEST ALLOCATION?

FOOD

2.WHICH ITEM HAS LEAST ALLOCATION?

TRANSPORTATION

ALMINE'S FAMILY WEEKLY EXPENSES.



TOTAL WEEKLY EXPENSES:

3,000PESOS

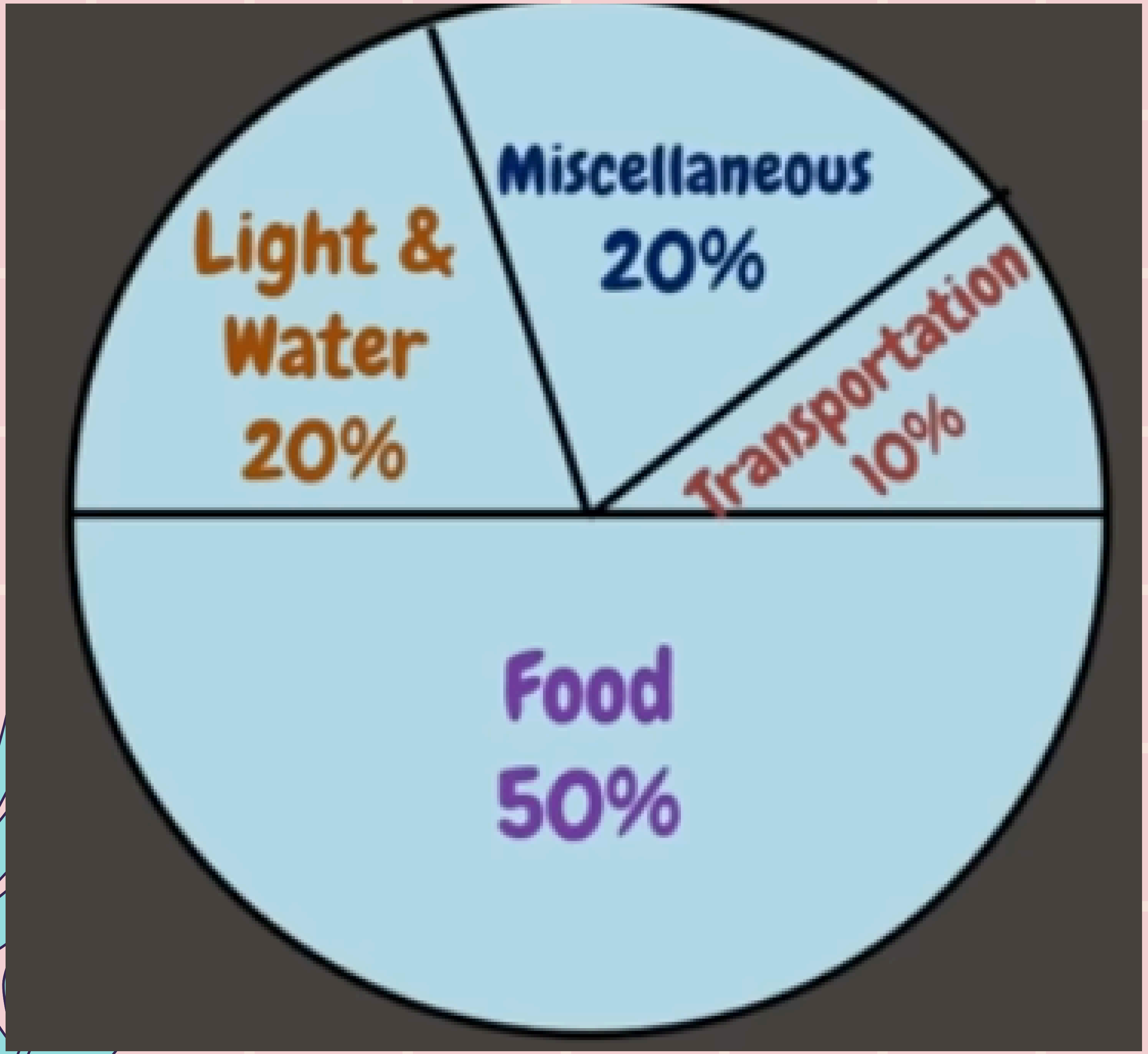
3. WHAT PERCENT IS SPENT FOR LIGHT & WATER ?

20%

4.WHICH ITEM HAVE THE SAME AMOUNT OF ALLOCATION?

LIGHT,WATER & MISCELLANEOUS

ALMINE'S FAMILY WEEKLY EXPENSES.



TOTAL WEEKLY EXPENSES;

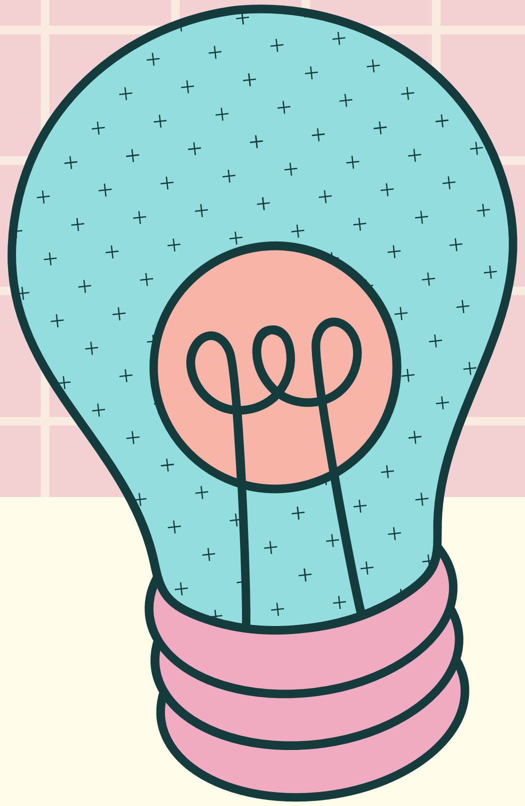
3,000PESOS

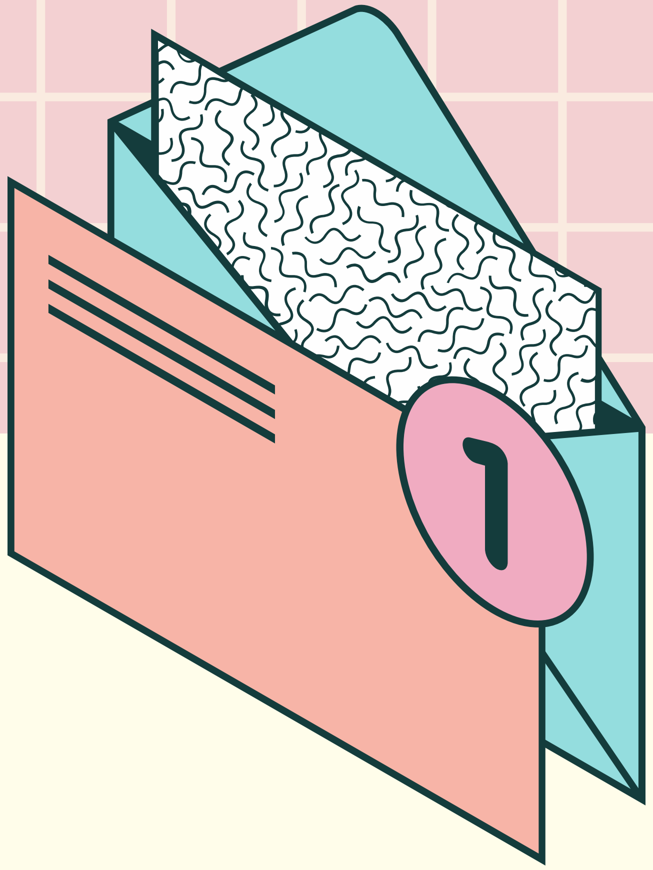
5. HOW MUCH SPENT FOR TRANSPORTATION.

3,000 X 0.10

= 300 PESOS

THANK YOU





for your attention

LESSON 5

MULTIPLICATION OF DECIMAL.

MELC-BASED Q4

OBJECTIVE.

MULTIPLY DECIMAL WITH OR WITHOUT REGROUPING

STEPS ON SOLVING;

- MULTIPLY DECIMAL LIKE YOU MULTIPLY WHOLE NUMBERS.DISREGARD DECIMAL POINT.

- THE TOTAL NUMBER OF DECIMALS PLACES IN THE FACTORS SHOULD BE THE SAME IN THE PRODUCT

0.32 X 03

STEP 1;

$$\begin{array}{r} 0.32 \\ \times \quad 03 \\ \hline 096 \end{array}$$

0.32 X 03

STEP 2;

$$\begin{array}{r} 0.32 \\ \times \quad 03 \\ \hline .096 \end{array}$$

3 DECIMAL PLACES

0.32 X 03

STEP 2;

0.32

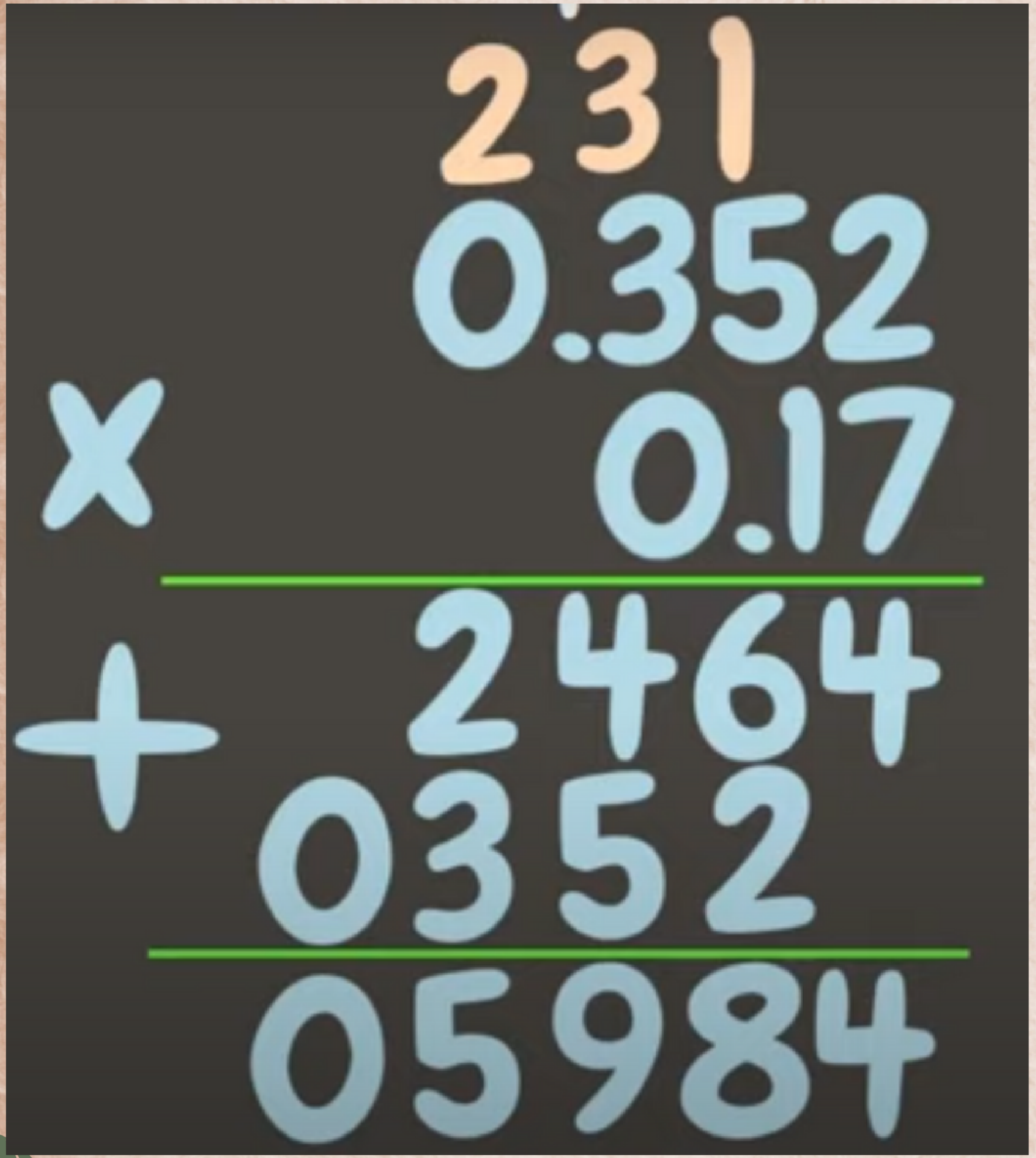
x

03

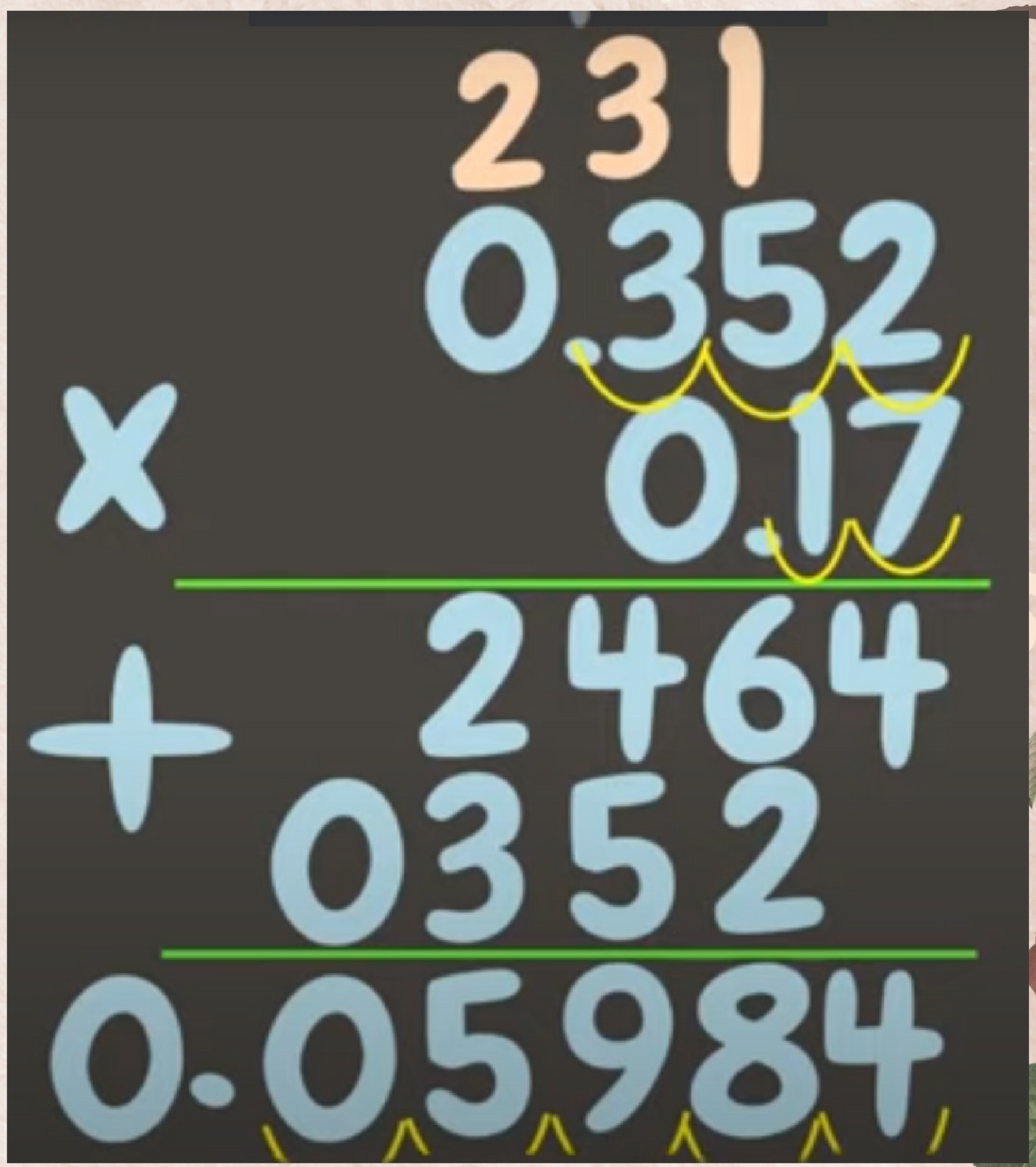
$\boxed{0.096}$

FINAL ANSWER

WHAT IS THE PRODUCT OF 0.352 & 0.17?


231
0.352
x 0.17
2464
+ 0352
05984

5 DECIMAL PLACES


231
0.352
x 0.17
2464
+ 0352
0.05984

0.05984

STEPS ON SOLVING;

- COPY THE FACTOR MULTIPLIED BY 10 OR 100 INCLUDING THE DECIMAL POINT.

STEPS ON SOLVING;

- COPY TO THE FACTOR MULTIPLY DECIMAL 0.1 OR 0.01 INCLUDING THE DECIMAL POINT.
- THE NUMBER OF DECIMAL PLACES IN 0.1 OR 0.01MEANS THE NUMBER OF DECIMAL PLACES YOU MOVE THE DECIMAL POINT TO THE LEFT.
- THE NUMBER OF 0 IN 10 OR 100 MEANS THE NUMBER OF DECIMAL PLACES YOU MOVE THE POINT TO THE RIGHT.

STEP 1-3

$0.32 \times 0.1 = 0.32$

$0.32 \times 0.\boxed{1} = .\underbrace{0}\,32$

$0.32 \times 0.\boxed{1} = \boxed{0.0\,32}$

$0.32 \times 0.01 =$

$0.32 \times 0.\boxed{01} = .\underbrace{\ \ }\underbrace{0}\,32$

$0.32 \times 0.\boxed{01} = \boxed{0.00\,32}$

STEP 1 & 4

$0.47 \times 10 = 0.47$

$0.47 \times 1\boxed{0} = 0\,4\,7$

$0.47 \times 1\boxed{0} = \boxed{4.7}$

$0.47 \times 1\boxed{00} = 0\,47.$

$0.47 \times 1\boxed{00} = \boxed{47}$

SUMMARY

TO MULTIPLY DECIMAL;

STEP 1; MULTIPLY DECIMAL LIKE YOU MULTIPLY WHOLE NUMBERS.DISREGARD DECIMAL POINT.

STEP 2; THE TOTAL NUMBER OF DECIMALS PLACES IN THE FACTORS SHOULD BE THE SAME IN THE PRODUCT.

IN MULTIPLYING DECIMALS TO 10 OR 100.

STEP 1;COPY THE FACTOR MULTIPLIED BY 10 OR 100.INCLUDING THE DECIMAL POINT.

STEP 2; THE NUMBER OF ZERO IN 10 OR 100 MEANS THE NUMBER OF DECIMAL PLACES YOU MOVE THE POINT TO THE RIGHT.

STEP 3; ADD ZERO TO EMPTY PLACES IF NEEDED.

THANK YOU